

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0136
Expires November 30, 2000

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-0577-A
b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name UTE TRIBE
2. Name of Operator WESTPORT OIL & GAS COMPANY L.P.		7. If Unit or CA Agreement, Name and No. Nahavap Buttes
3A. Address 1368 SOUTH 1200 EAST, VERNAL, UTAH 84078		8. Lease Name and Well No. NBU 920-14N
3b. Phone No. (include area code) 435-781-7060		9. API Well No. 43-047-37754
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface SESW 732' FSL 1805' FWL 616341X 40.030064 At proposed prod. Zone 4431774Y -109.636510		10. Field and Pool, or Exploratory NATURAL BUTTES
14. Distance in miles and direction from nearest town or post office* 7 MILES SOUTHEAST OF OURAY, UTAH		11. Sec., T., R., M., or Blk, and Survey or Area SEC 14-T9S-R20E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 732'	16. 2091.18	12. County or Parish UINTAH
17. Spacing Unit dedicated to this well 40	18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. REFER TO TOPO C	13. State UTAH
19. Proposed Depth 10300'	20. BLM/BIA Bond No. on file BIA #RLB0005239	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 4829.1' GL	22. Approximate date work will start* UPON APPROVAL	23. Estimated duration TO BE DETERMINED

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- | | |
|--|---|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification. |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office. | 6. Such other site specific information and/or plans as may be required by the authorized office. |

25. Signature 	Name (Printed/Typed) DEBRA DOMENICI	Date 2/8/2006
Title ASSOCIATE ENVIRONMENTAL ANALYST		
Approved by (Signature) 	Name (Printed/Typed) BRADLEY G. HILL	Date 03-06-06
Title ENVIRONMENTAL MANAGER		

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

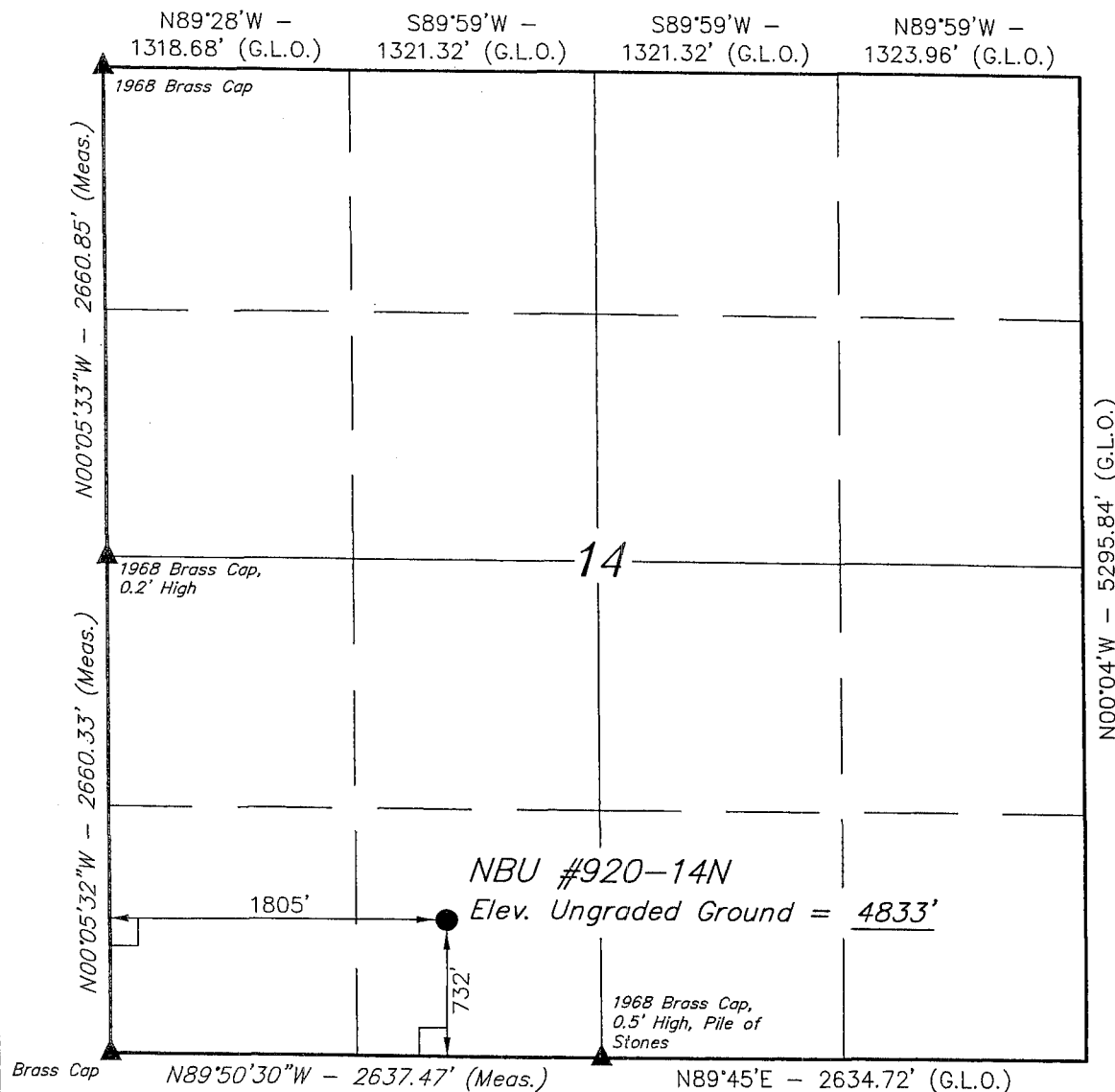
RECEIVED

FEB 13 2006

DIV. OF OIL, GAS & MINING

Federal Approval of this
Action is Necessary

T9S, R20E, S.L.B.&M.



BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

LEGEND:

└─┘ = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

(NAD 83)

LATITUDE = 40°01'48.27" (40.030075)

LONGITUDE = 109°38'13.71" (109.637142)

(NAD 27)

LATITUDE = 40°01'48.40" (40.030111)

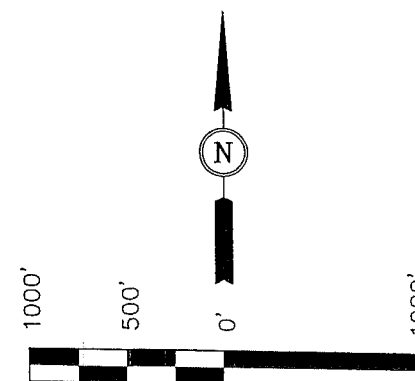
LONGITUDE = 109°38'11.22" (109.636450)

Kerr-McGee Oil & Gas Onshore LP

Well location, NBU #920-14N, located as shown in the SE 1/4 SW 1/4 of Section 14, T9S, R20E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

TWO WATER TRIANGULATION STATION LOCATED IN THE NW 1/4 OF SECTION 1, T10S, R21E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN NE, QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5238 FEET.



SCALE CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME, OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

John H. Kay

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

Revised: 1-15-06

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 11-11-05	DATE DRAWN: 12-28-05
PARTY D.K. L.K. K.G.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE Kerr-McGee Oil & Gas Onshore LP	

NBU 920-14N
SESW SEC 14-T9S-R20E
UINTAH COUNTY, UTAH
LEASE NUMBER: UTU-0577-A

ONSHORE ORDER NO. 1
WESTPORT OIL & GAS COMPANY

DRILLING PROGRAM

1. **Estimated Tops of Important Geologic Markers:**

<u>Formation</u>	<u>Depth</u>
Green River	1700'
Wasatch	5200'
Mesaverde	8450'
Total Depth	10300'

2. **Estimated Depths of Anticipated Water, Oil, Gas, or Mineral Formations:**

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
	Green River	1700'
Gas	Wasatch	5200'
Gas	Mesaverde	8450'
Water	N/A	
Other Minerals	N/A	

3. **Pressure Control Equipment:**

Please see the Natural Buttes Unit Standard Operating Procedure (SOP).

4. **Proposed Casing & Cementing Program:**

Please see the Natural Buttes Unit SOP.

Please refer to the attached Drilling Program.

5. **Drilling Fluids Program:**

Please see the Natural Buttes Unit SOP.

6. **Evaluation Program:**

Please see the Natural Buttes Unit SOP.

7. **Abnormal Conditions:**

Maximum anticipated bottomhole pressure at 10300' TD approximately equals 6386 psi (calculated at 0.62 psi/foot).

Maximum anticipated surface pressure equals approximately 4120 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

8. **Anticipated Starting Dates & Notification of Operations:**

Please see the Natural Buttes Unit SOP.

9. **Variances:**

Please see the Natural Buttes Unit SOP.

10. **Other Information:**

Please see the Natural Buttes Unit SOP.

KERR-McGEE OIL & GAS ONSHORE LP
DRILLING PROGRAM

COMPANY NAME	KERR-McGEE OIL & GAS ONSHORE LP	DATE	February 1, 2006
WELL NAME	NBU 920-14N	TD	10,300' MD/TVD
FIELD	Natural Buttes	COUNTY	Uintah
		STATE	Utah
		ELEVATION	4,833' GL KB 4,848'
SURFACE LOCATION	SESW SECTION 14-T9S-R20E 732'FSL & 1805'FWL		BHL Straight Hole
	Latitude: 40.030075	Longitude: 109.637142	
OBJECTIVE ZONE(S)	Wasatch/Mesaverde		
ADDITIONAL INFO	Regulatory Agencies: BLM (SURF & MINERALS), UDOGM, Tri-County Health Dept.		

GEOLOGICAL			MECHANICAL		
LOGS	FORMATION	DEPTH	HOLE SIZE	CASING SIZE	MUD WEIGHT
		40'		14"	
			12-1/4"	9-5/8", 32.3#, H-40, STC	Air mist
			**For wells w/ surf csg set below 2300' app 10 jts of 36# J55 will be run on bottom		
Catch water sample, if possible, from 0 to 5,200'					
	Green River @	1,700			
	Preset f/ GL @				
	2800 MD				
Mud logging program TBD					
Open hole logging program f/ TD - surf csg			7-7/8"	4-1/2", 11.6#, I-80 or equivalent LTC casing	Water/Fresh Water Mud 8.3-12.7 ppg
	Wasatch @	5,200'			
	Mverde @	8,450'			
					Max anticipated Mud required 12.7 ppg
	TD @	10,300'			



KERR-McGEE OIL & GAS ONSHORE LP DRILLING PROGRAM

CASING PROGRAM

	SIZE	INTERVAL	WT.	GR.	CPLG.	DESIGN FACTORS		
						BURST	COLLAPSE	TENSION
CONDUCTOR	14"	0-40'						
SURFACE	9-5/8"	0 to 2400	32.30	H-40	STC	2270	1370	254000
						0.50*****	1.22	3.21
	9-5/8"	2400 to 2800	36.00	J-55	STC	3520	2020	564000
PRODUCTION	4-1/2"	0 to 10300	11.60	I-80	LTC	1.01*****	1.54	7.12
						7780	6350	201000
	4-1/2"	0 to 10300	11.60	I-80	LTC	1.72	0.93	1.93

- 1) Max Anticipated Surf. Press.(MASP) (Surface Casing) = (Pore Pressure at next csg point-(0.22 psi/ft-partial evac gradient x TVD of next csg point))
- 2) MASP (Prod Casing) = Pore Pressure at TD - (.22 psi/ft-partial evac gradient x TD)
- (Burst Assumptions: TD = 12.7 ppg) .22 psi/ft = gradient for partially evac wellbore
- (Collapse Assumption: Fully Evacuated Casing, Max MW) (Tension Assumptions: Air Weight of Casing*Buoy.Fact. of water)
- MASP 4536 psi
- ***** Burst SF is low but csg is stronger than formation at 2800 feet
- ***** EMW @ 2800 for 2270# is 15.6 ppg or 0.8 psi/ft

CEMENT PROGRAM

		FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
SURFACE Option 1	LEAD	500	Premium cmt + 2% CaCl + .25 pps flocele	215	60%	15.60	1.18
	TOP OUT CMT (1)	250	20 gals sodium silicate + Premium cmt + 2% CaCl + .25 pps flocele	100		15.60	1.18
	TOP OUT CMT (2)	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
SURFACE Option 2		NOTE: If well will circulate water to surface, option 2 will be utilized					
	LEAD	2000	Prem cmt + 16% Gel + 10 pps gilsonite + .25 pps Flocele + 3% salt BWOC	230	35%	11.00	3.82
	TAIL	500	Premium cmt + 2% CaCl + .25 pps flocele	180	35%	15.60	1.18
	TOP OUT CMT	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
PRODUCTION	LEAD	4,700'	Premium Lite II + 3% KCl + 0.25 pps celloflake + 5 pps gilsonite + 10% gel + 0.5% extender	510	60%	11.00	3.38
	TAIL	5,600'	50/50 Poz/G + 10% salt + 2% gel + .1% R-3	1570	60%	14.30	1.31

*Substitute caliper hole volume plus 0% excess for LEAD if accurate caliper is obtained

*Substitute caliper hole volume plus 10% excess for TAIL if accurate caliper is obtained

FLOAT EQUIPMENT & CENTRALIZERS

SURFACE	Guide shoe, 1 jt, insert float. Centralize first 3 joints with bow spring centralizers. Thread lock guide shoe.
PRODUCTION	Float shoe, 1 jt, float collar. Centralize first 3 joints & every third joint to top of tail cement with bow spring centralizers.

ADDITIONAL INFORMATION

Test casing head to 750 psi after installing. Test surface casing to 1,500 psi prior to drilling out.

BOPE: 11" 5M with one annular and 2 rams. Test to 5,000 psi (annular to 2,500 psi) prior to drilling out. Record on chart recorder & tour sheet. Function test rams on each trip. Maintain safety valve & inside BOP on rig floor at all times. Kelly to be equipped with upper & lower kelly valves.

Drop Totco surveys every 2000'. Maximum allowable hole angle is 5 degrees.

Most rigs have PVT Systems for mud monitoring. If no PVT is available, visual monitoring will be utilized.

DRILLING ENGINEER:

Brad Laney

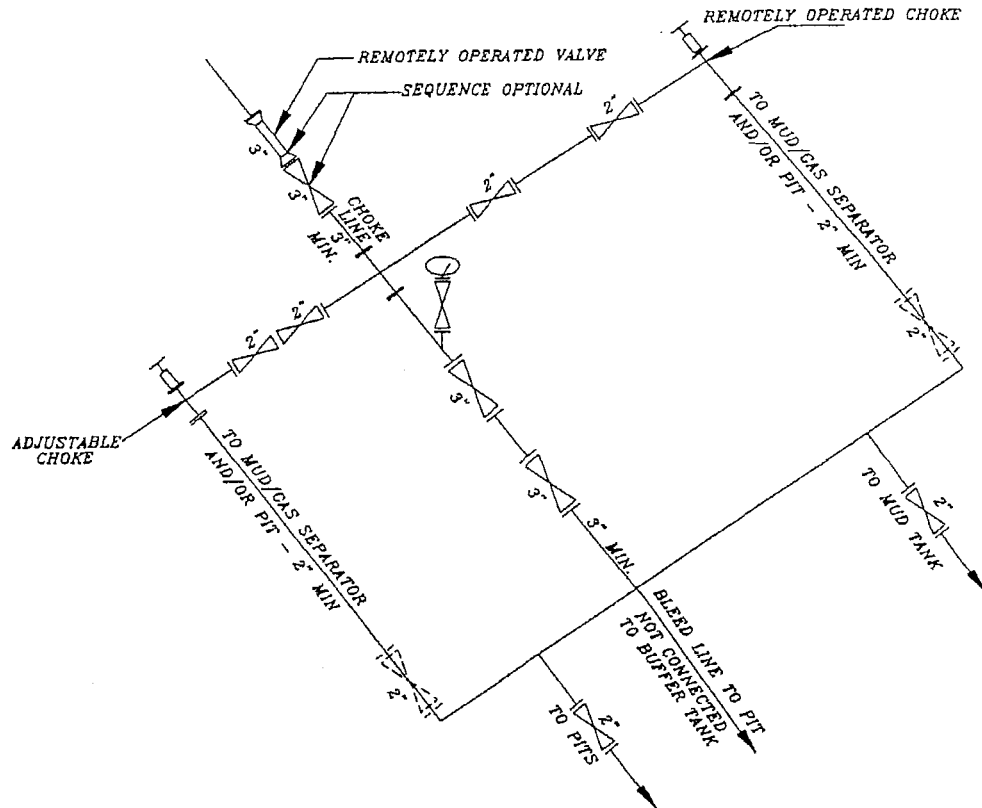
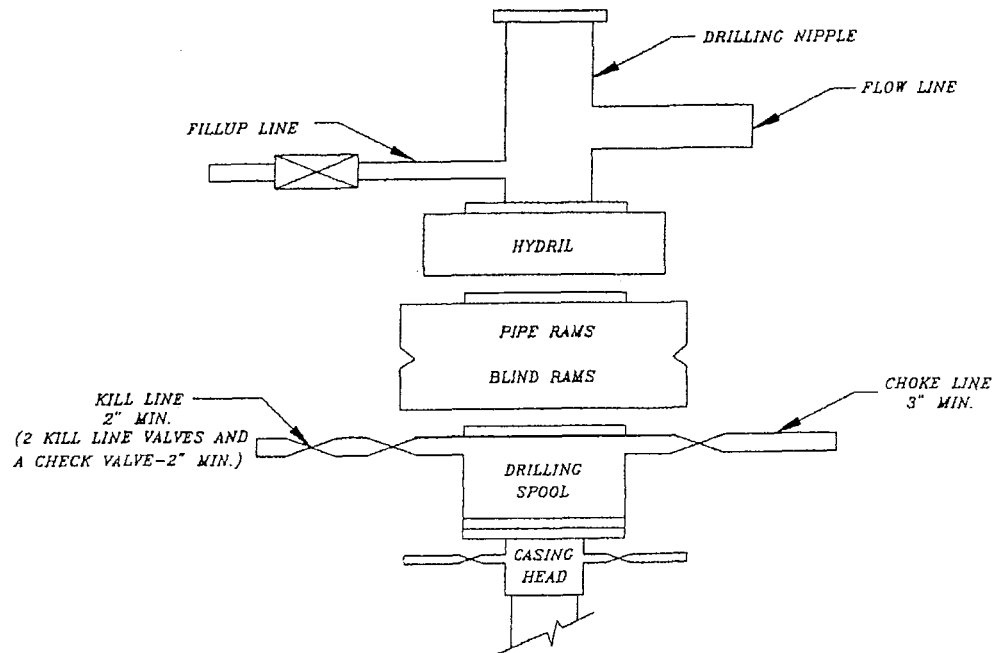
DATE: _____

DRILLING SUPERINTENDENT:

Randy Bayne NBU920-14N_180_APD(pipeline).xls

DATE: _____

5M BOP STACK and CHOKE MANIFOLD SYSTEM



NBU 920-14N
SESW SEC 14-T9S-R20E
UINTAH COUNTY, UTAH
LEASE NUMBER: UTU-0577-A

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. **Existing Roads:**

Refer to Topo Map A for directions to the location.

Refer to Topo Maps A and B for location of access roads within a 2-mile radius.

2. **Planned Access Roads:**

Please see the Natural Buttes Unit Standard Operating Procedure (SOP).

Refer to Topo Map B for the location of the proposed access road.

3. **Location of Existing Wells Within a 1-Mile Radius**

Please refer to Topo Map C.

4. **Location of Existing & Proposed Facilities**

Please see the Natural Buttes Unit SOP.

Refer to Topo Map D for the location of the proposed pipeline.

5. **Location and Type of Water Supply:**

Please see the Natural Buttes Unit SOP.

6. **Source of Construction Materials**

Please see the Natural Buttes Unit SOP.

7. **Methods of Handling Waste Materials**

Please see the Natural Buttes Unit SOP.

Any produced water from the proposed well will be contained in a water tank and will then be hauled by truck to one of the pre-approved disposal sites: RNI, Sec 5-T9S-R22E, NBU #159, Sec 35-T9S-R21E, Ace Oilfield Sec 2-T6S-R20E, MC & MC Sec 12-T6S-R19E,. (Requests in lieu of filing Form 3160-5 after initial production).

8. **Ancillary Facilities**

Please see the Natural Buttes Unit SOP.

9. **Well Site Layout:** (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

Culvert(s) are to be installed as needed.

A run off diversion for drainage will be constructed as needed.

Please see the attached diagram to describe rig orientation, parking areas, and access roads.

The reserve pit will be lined. When the reserve pit is closed, the pit liner will be buried below plow depth.

10. **Plans for Reclamation of the Surface:**

Please see the Natural Buttes Unit SOP.

11. **Surface Ownership:**

Ute Indian Tribe
P.O. Box 70
Fort Duchesne, Utah 84026
(435)-722-5141

12. **Other Information:**

A Class III archaeological survey has been conducted for this location and submitted to the Ute Indian Tribe prior to the on-site.

13. **Lessee's or Operators's Representative & Certification:**

Debra Domenici
Associate Environmental Analyst
Kerr-McGee Oil & Gas Onshore LP
1368 South 1200 East
Vernal, UT 84078
(435) 781-7060

Randy Bayne
Drilling Manager
Kerr-McGee Oil & Gas Onshore LP
1368 South 1200 East
Vernal, UT 84078
(435)781-7018

Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Kerr-McGee Oil & Gas Onshore LP is considered to be the operator of the subject well. Kerr-McGee Oil & Gas Onshore LP agrees to be responsible under terms and conditions of the lease for the operations conducted Upon leased lands.

Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Kerr-McGee Oil & Gas Onshore LP Bond #N-2115, BLM Nationwide Bond # CO-1203, and BIA Nationwide Bond # RLB0005239.

I hereby certify that I, or persons under my supervision, have inspected the proposed drill site and access route, that I am familiar with the conditions that currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed by the Operator, its contractors, and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

Debra Domenici
Debra Domenici

2/8/06
Date

Kerr-McGee Oil & Gas Onshore LP

NBU #920-14N

SECTION 14, T9S, R20E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; TURN LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 3.6 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN LEFT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 2.9 MILES TO THE BEGINNING OF THE PROPOSED ACCESS FOR THE #920-14L TO THE NORTH; FOLLOW ROAD FLAGS IN A NORTHERLY DIRECTION APPROXIMATELY 0.4 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE EAST; FOLLOW ROAD FLAGS IN AN EASTERLY DIRECTION APPROXIMATELY 0.1 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 38.0 MILES.

Kerr-McGee Oil & Gas Onshore LP

NBU #920-14N

LOCATED IN UINTAH COUNTY, UTAH

SECTION 14, T9S, R20E, S.L.B.&M.

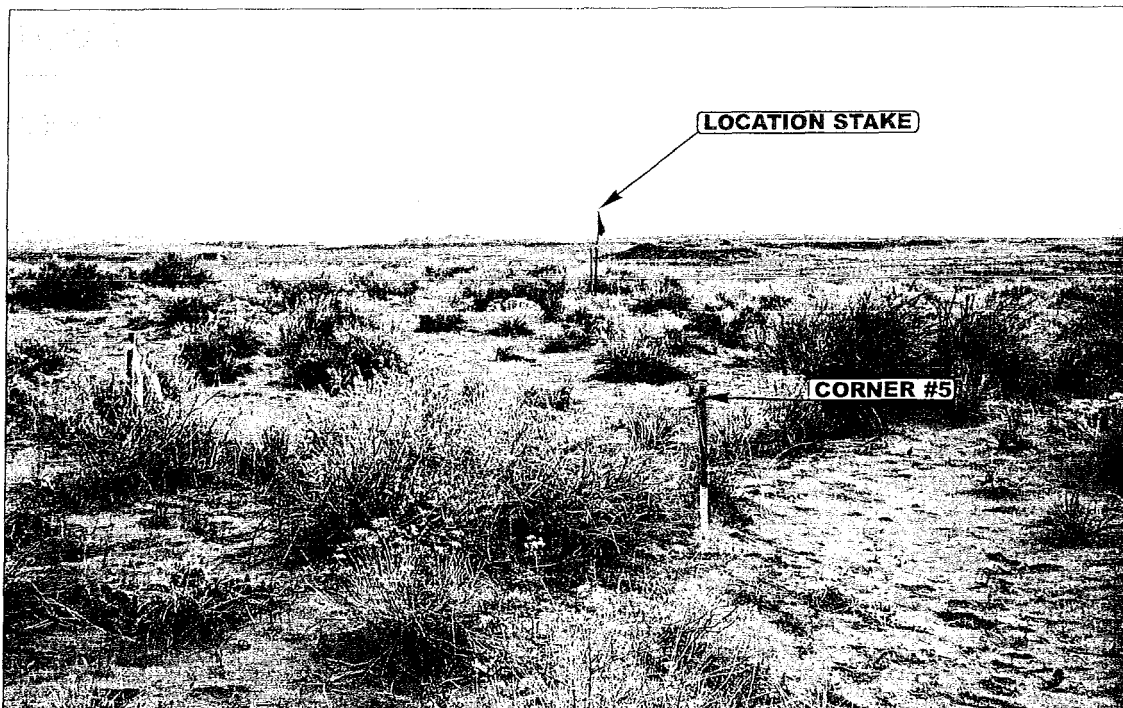


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: EASTERLY



- Since 1964 -

UELS Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS

11 12 05
MONTH DAY YEAR

PHOTO

TAKEN BY: D.K.

DRAWN BY: C.P.

REVISED: 01-13-06

Kerr-McGee Oil & Gas Onshore LP

NBU #920-14N
PIPELINE ALIGNMENT
LOCATED IN UTAH COUNTY, UTAH
SECTION 14, T9S, R20E, S.L.B.&M.



PHOTO: VIEW FROM TIE-IN POINT

CAMERA ANGLE: EASTERLY



PHOTO: VIEW OF PIPELINE AT LOCATION

CAMERA ANGLE: EASTERLY



- Since 1964 -

UELS Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

PIPELINE PHOTOS

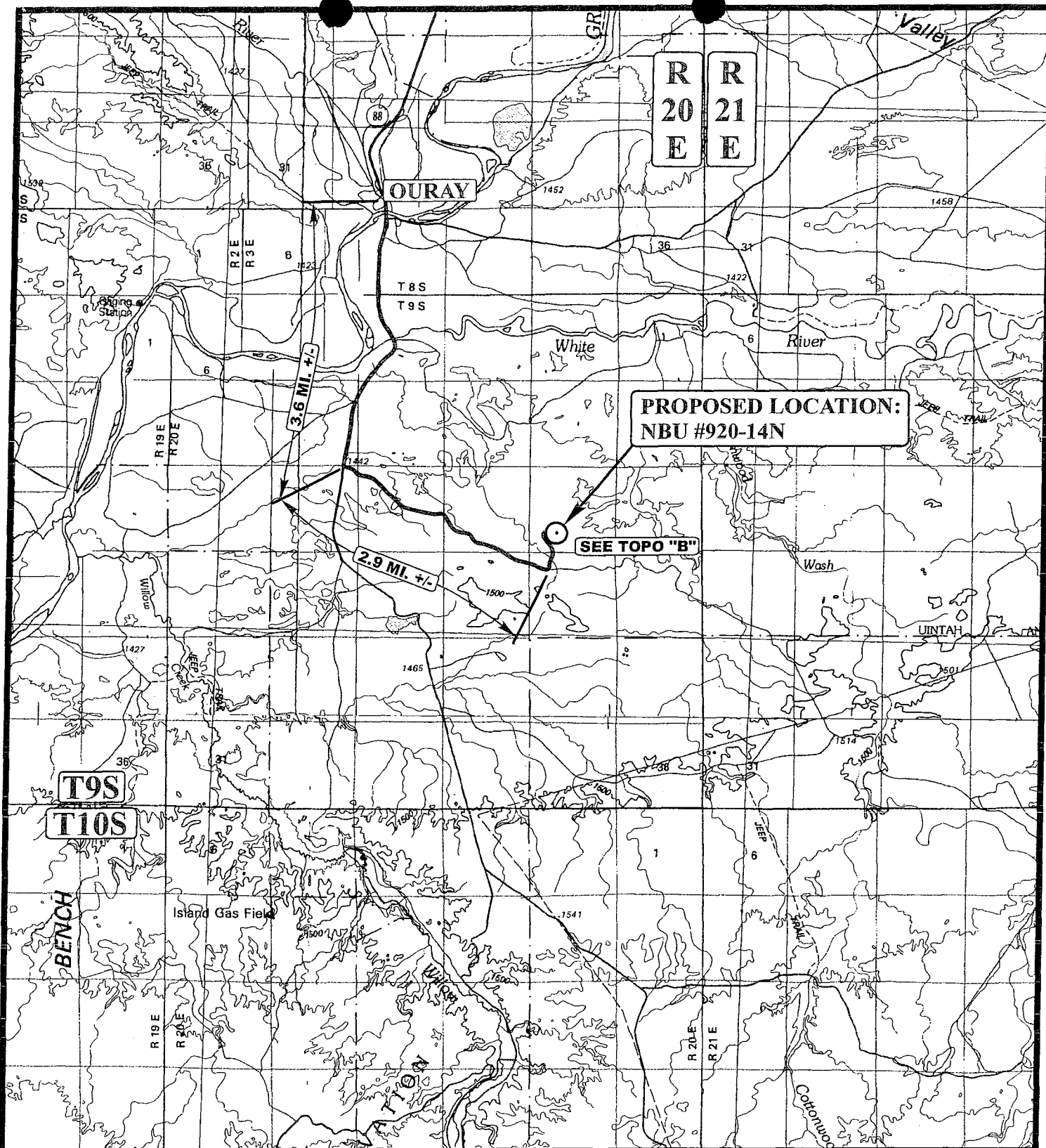
11 12 05
MONTH DAY YEAR

PHOTO

TAKEN BY: D.K.

DRAWN BY: C.P.

REVISED: 01-13-06



LEGEND:

○ PROPOSED LOCATION

Kerr-McGee Oil & Gas Onshore LP

NBU #920-14N

SECTION 14, T9S, R20E, S.L.B.&M.

732' FSL 1805' FWL



Utah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813



TOPOGRAPHIC
MAP

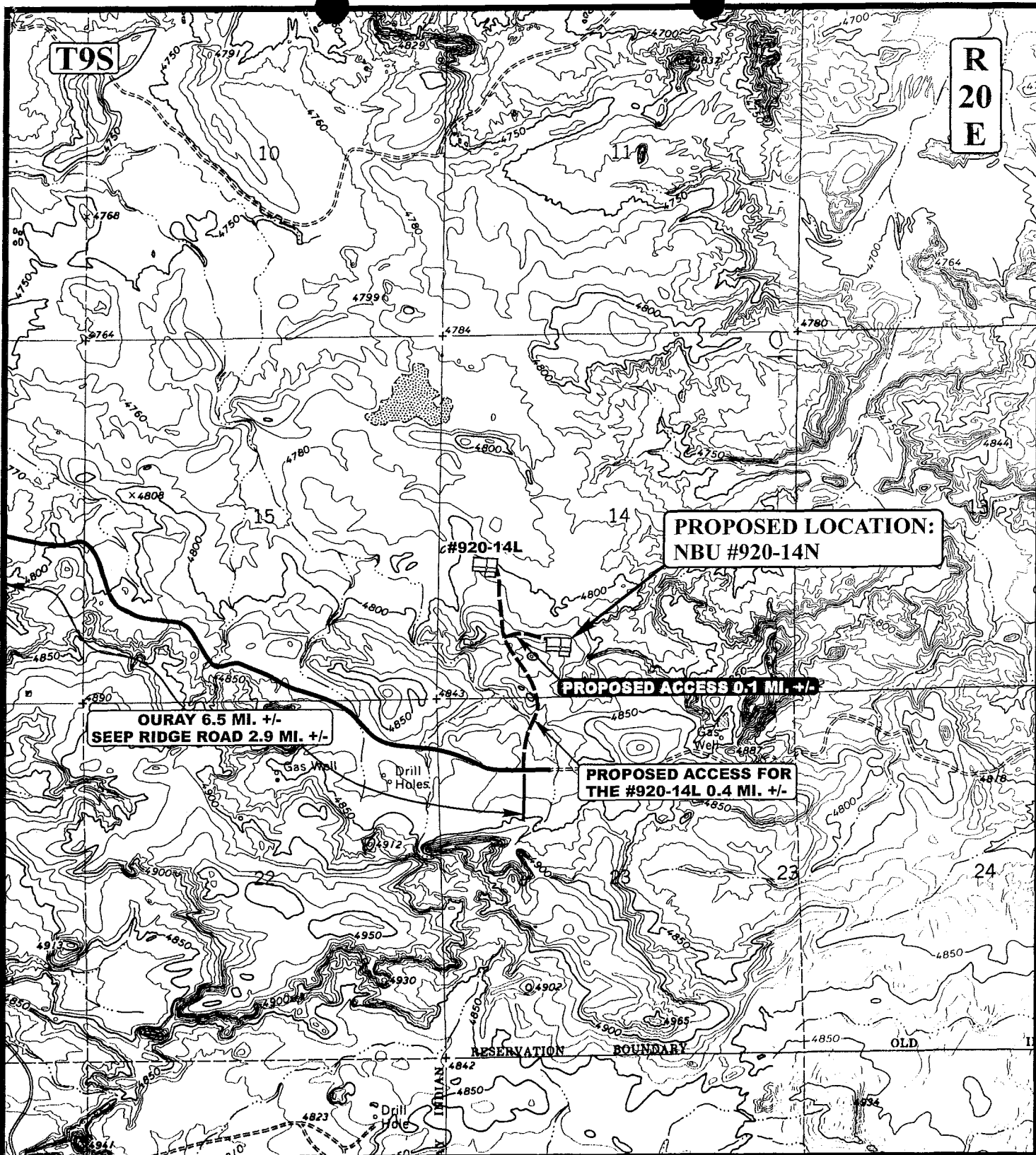
11 12 05
MONTH DAY YEAR

SCALE: 1:100,000

DRAWN BY: C.P.

REVISED: 01-13-06





LEGEND:

————— EXISTING ROAD
 - - - - - PROPOSED ACCESS ROAD



Kerr-McGee Oil & Gas Onshore LP

NBU #920-14N
 SECTION 14, T9S, R20E, S.L.B.&M.
 732' FSL 1805' FWL



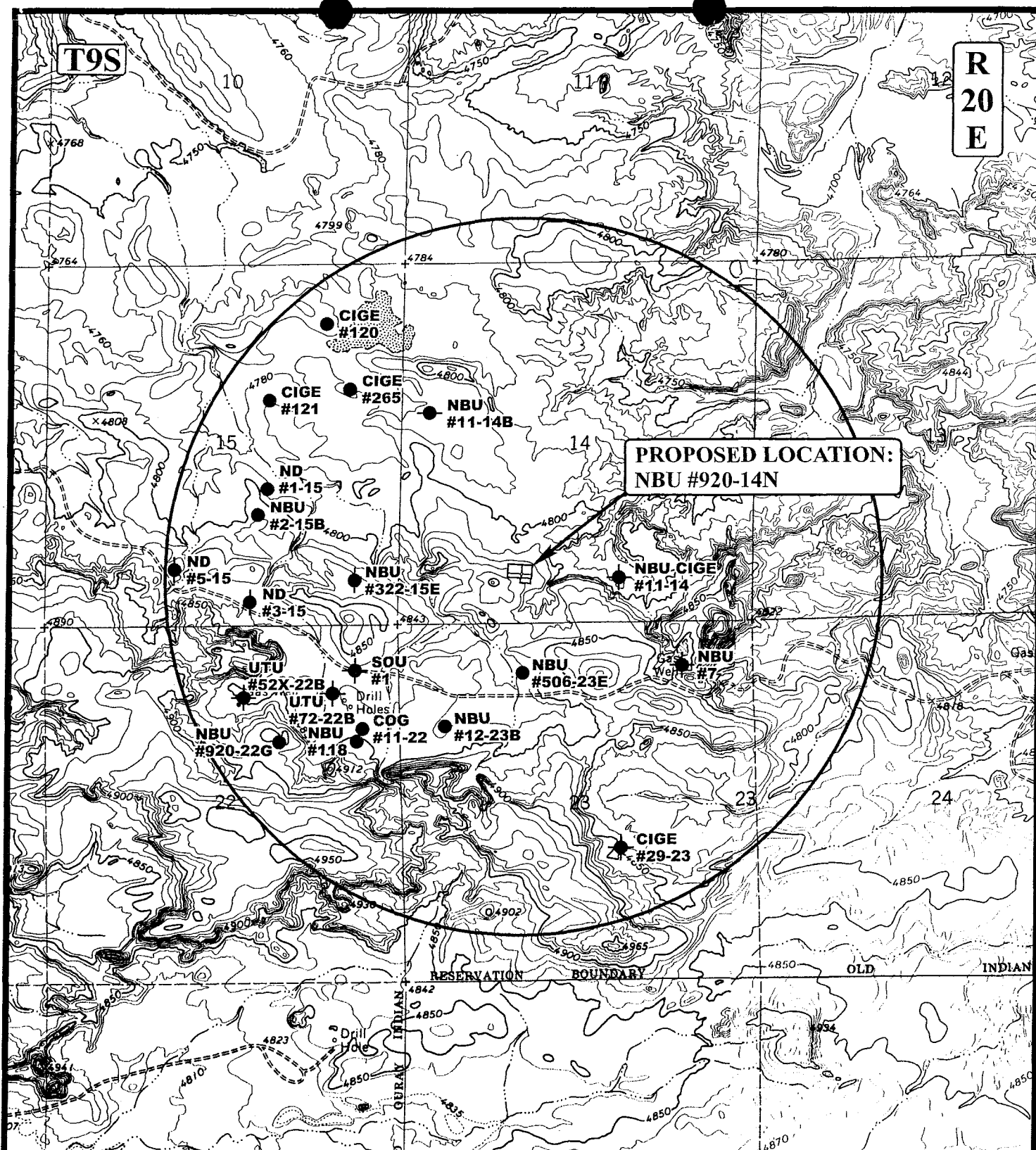
Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC
 MAP

11 12 05
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 01-13-06

B
 TOPO



LEGEND:

- | | |
|-------------------|-------------------------|
| ○ DISPOSAL WELLS | ○ WATER WELLS |
| ● PRODUCING WELLS | ● ABANDONED WELLS |
| ● SHUT IN WELLS | ● TEMPORARILY ABANDONED |

Kerr-McGee Oil & Gas Onshore LP

NBU #920-14N

SECTION 14, T9S, R20E, S.L.B.&M.

732' FSL 1805' FWL



Utah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

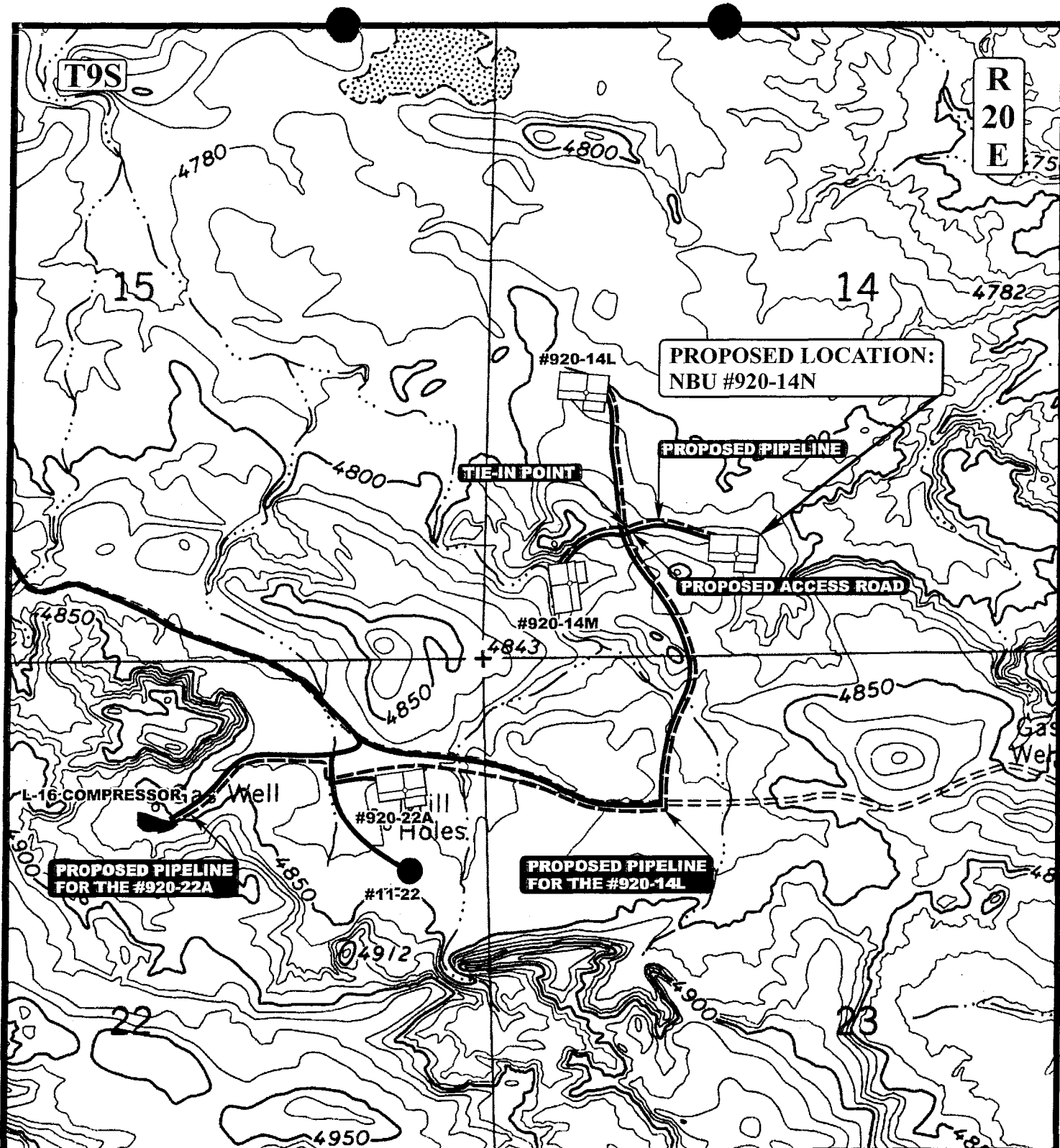


TOPOGRAPHIC
MAP

11 **12** **05**
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 01-13-06





APPROXIMATE TOTAL PIPELINE DISTANCE = 633' +/-

LEGEND:

- PROPOSED ACCESS ROAD
- PROPOSED PIPELINE
- PROPOSED PIPELINE (SERVICING OTHER WELLS)

N

Kerr-McGee Oil & Gas Onshore LP

NBU #920-14N

SECTION 14, T9S, R20E, S.L.B.&M.

732' FSL 1805' FWL



Utah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813



TOPOGRAPHIC
MAP

11	12	05
MONTH	DAY	YEAR

SCALE: 1" = 1000' DRAWN BY: C.P. REVISED: 01-13-06



Kerr-McGee Oil & Gas Onshore LP

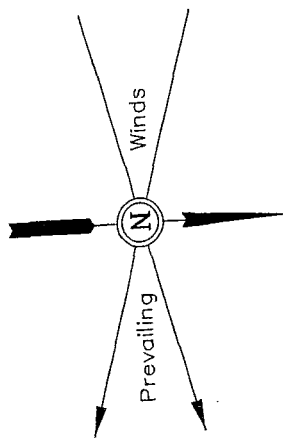
FIGURE #1

LOCATION LAYOUT FOR

NBU #920-14N

SECTION 14, T9S, R20E, S.L.B.&M.

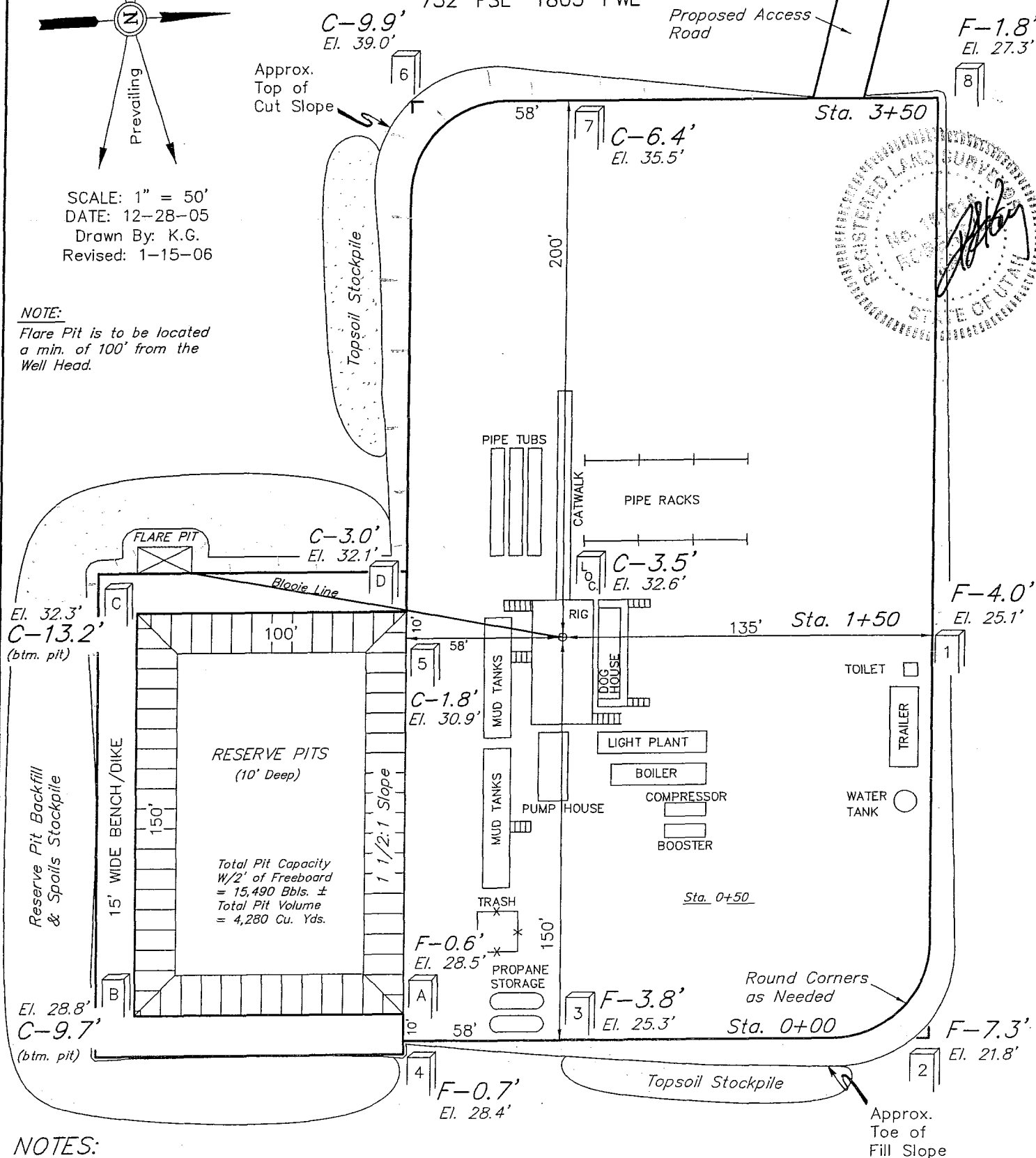
732' FSL 1805' FWL



SCALE: 1" = 50'
DATE: 12-28-05
Drawn By: K.G.
Revised: 1-15-06

NOTE:

Flare Pit is to be located
a min. of 100' from the
Well Head.



NOTES:

Elev. Ungraded Ground At Loc. Stake = 4832.6'
FINISHED GRADE ELEV. AT LOC. STAKE = 4829.1'

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

Kerr-McGee Oil & Gas Onshore LP

FIGURE #2

TYPICAL CROSS SECTIONS FOR

NBU #920-14N

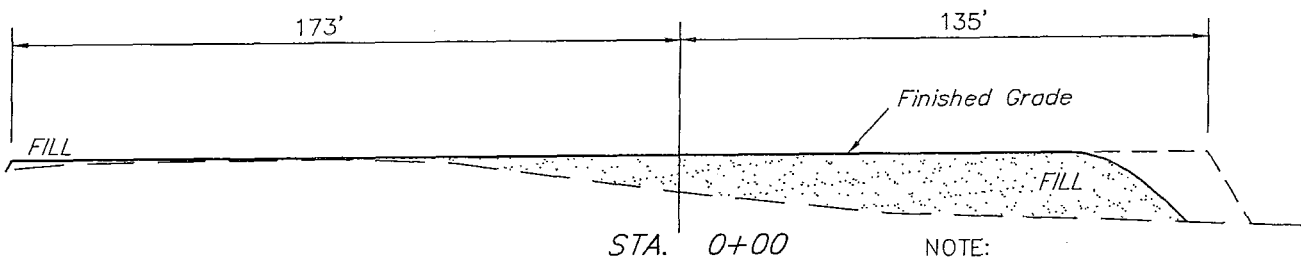
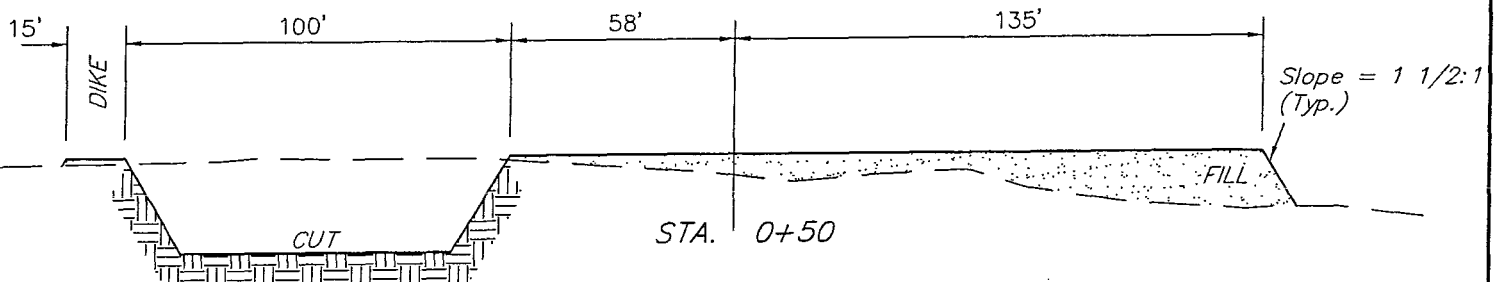
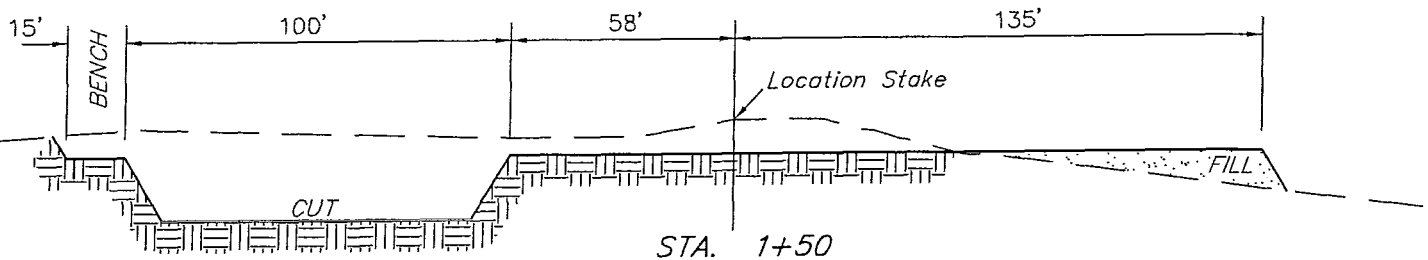
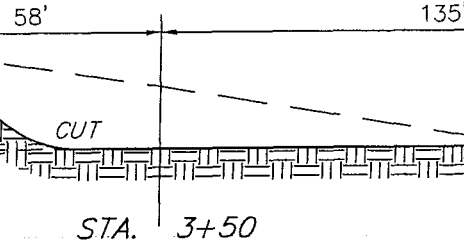
SECTION 14, T9S, R20E, S.L.B.&M.

732' FSL 1805' FWL

1" = 20'
X-Section
Scale
1" = 50'

DATE: 12-28-05
Drawn By: K.G.
Revised: 1-15-06

Preconstruction
Grade



* NOTE:
FILL QUANTITY INCLUDES
5% FOR COMPACTION

NOTE:
Topsoil should not be
Stripped Below Finished
Grade on Substructure Area.

APPROXIMATE YARDAGES

CUT
(12") Topsoil Stripping = 3,670 Cu. Yds.
Remaining Location = 7,510 Cu. Yds.

TOTAL CUT = 11,180 CU.YDS.
FILL = 5,370 CU.YDS.

EXCESS MATERIAL = 5,810 Cu. Yds.
Topsoil & Pit Backfill = 5,810 Cu. Yds.
(1/2 Pit Vol.)
EXCESS UNBALANCE = 0 Cu. Yds.
(After Rehabilitation)

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 02/13/2006

API NO. ASSIGNED: 43-047-37754

WELL NAME: NBU 920-14N
OPERATOR: WESTPORT OIL & GAS CO (N2115)
CONTACT: DEBRA DOMENICI

PHONE NUMBER: 435-781-7060

PROPOSED LOCATION:

SESW 14 090S 200E
SURFACE: 0732 FSL 1805 FWL
BOTTOM: 0732 FSL 1805 FWL
COUNTY: UINTAH
LATITUDE: 40.03006 LONGITUDE: -109.6365
UTM SURF EASTINGS: 616341 NORTHINGS: 4431774
FIELD NAME: NATURAL BUTTES (630)

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal
LEASE NUMBER: UTU-0577-A
SURFACE OWNER: 2 - Indian

PROPOSED FORMATION: WSMVD
COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

☒ Plat
☒ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. RLB0005239)
☒ Potash (Y/N)
☒ Oil Shale 190-5 (B) or 190-3 or 190-13
☒ Water Permit
(No. 43-8496)
☒ RDCC Review (Y/N)
(Date: _____)
☒ Fee Surf Agreement (Y/N)
☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

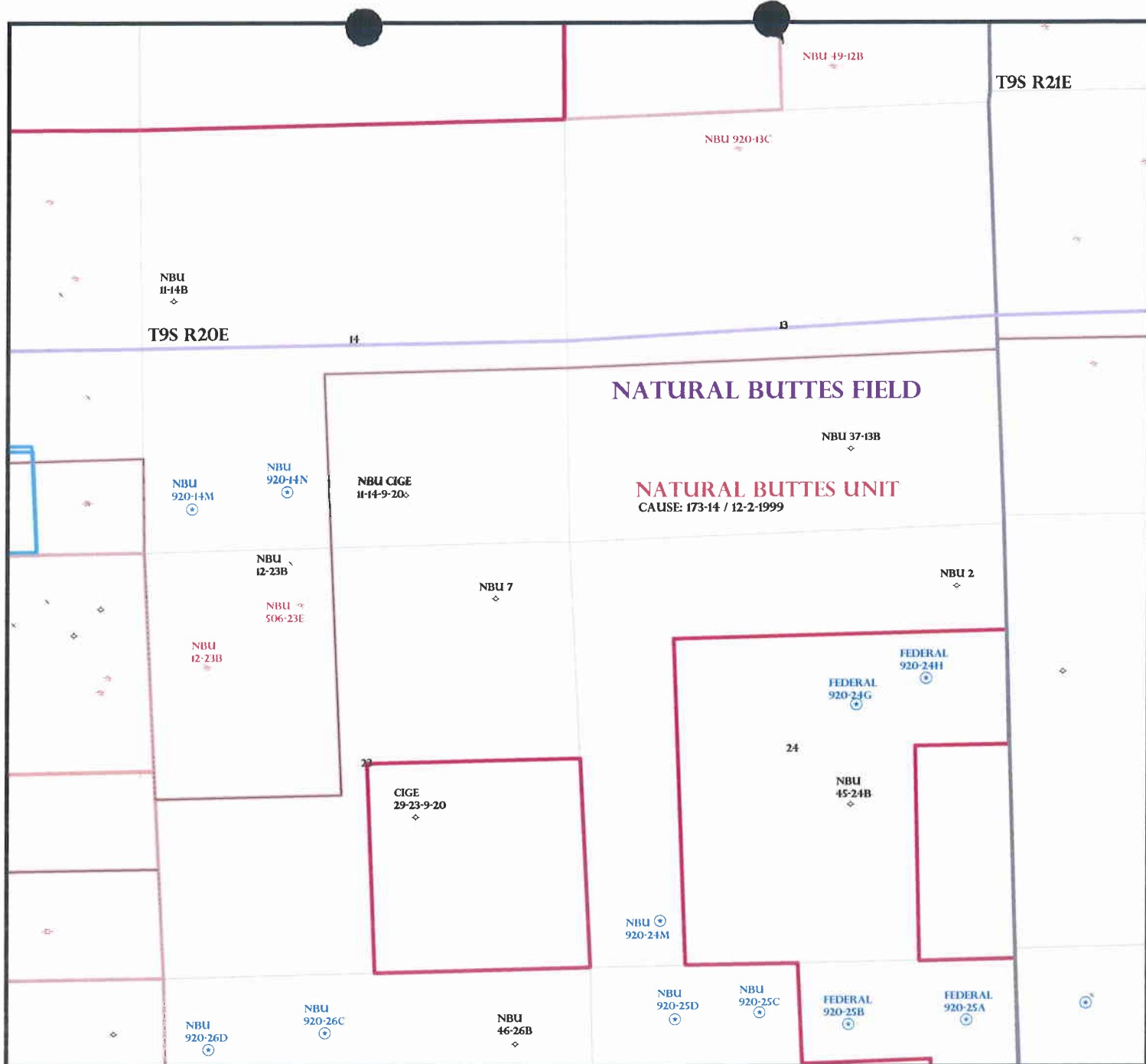
 R649-2-3.
Unit: NATURAL BUTTES
 R649-3-2. General
Siting: 460' From Qtr/Qtr & 920' Between Wells
 R649-3-3. Exception
☒ Drilling Unit
Board Cause No: 173-14
Eff Date: 12-2-99
Siting: 460' for unitary & unitary tract
 R649-3-11. Directional Drill

COMMENTS:

See Separate File

STIPULATIONS:

1- Federal Approval
2- OIL SHALE



OPERATOR: WESTPORT O&G CO (N2115)

SEC: 14,24 T. 9S R. 20E

FIELD: NATURAL BUTTES (630)

COUNTY: UINTAH

CAUSE: 173-14 / 12-2-1999

Field Status

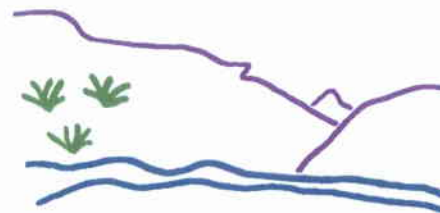
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

Unit Status

- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Wells Status

- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL
- DRILLING



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY
DATE: 16-FEBRUARY-2006

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:
3160
(UT-922)

March 2, 2006

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2006 Plan of Development Natural Buttes Unit Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2006 within the Natural Buttes Unit, Uintah County, Utah.

API #	WELL NAME	LOCATION
-------	-----------	----------

(Proposed PZ Wasatch-MesaVerde)

43-047-37738	NBU 1022-19F	Sec 19 T10S R22E 2239 FNL 1622 FWL
43-047-37739	NBU 1022-19D	Sec 19 T10S R22E 0732 FNL 0640 FWL
43-047-37740	NBU 1022-19C	Sec 19 T10S R22E 0896 FNL 1891 FWL
43-047-37765	NBU 1022-16J	Sec 16 T10S R22E 2302 FSL 1901 FEL
43-047-37766	NBU 1022-16P	Sec 16 T10S R22E 0724 FSL 0973 FEL
43-047-37767	NBU 1022-16L	Sec 16 T10S R22E 1904 FSL 0343 FWL
43-047-37768	NBU 1022-18H	Sec 18 T10S R22E 1947 FNL 0465 FEL
43-047-37769	NBU 1022-18G	Sec 18 T10S R22E 1870 FNL 1383 FEL
43-047-37770	NBU 1022-18I	Sec 18 T10S R22E 1592 FSL 0803 FEL
43-047-37771	NBU 1022-18E	Sec 18 T10S R22E 1656 FNL 0606 FWL
43-047-37772	NBU 1022-18J	Sec 18 T10S R22E 2158 FSL 2171 FEL
43-047-37773	NBU 1022-18N	Sec 18 T10S R22E 0125 FSL 1249 FWL
43-047-37774	NBU 1022-18B	Sec 18 T10S R22E 0818 FNL 2040 FEL
43-047-37775	NBU 1022-18P	Sec 18 T10S R22E 0169 FSL 0249 FEL
43-047-37776	NBU 1022-18D	Sec 18 T10S R22E 0765 FNL 0311 FWL
43-047-37777	NBU 1022-18O	Sec 18 T10S R22E 0134 FSL 2445 FEL
43-047-37783	NBU 1022-19K	Sec 19 T10S R22E 1509 FSL 1427 FWL
43-047-37778	NBU 1022-19H	Sec 19 T10S R22E 2298 FNL 1086 FEL
43-047-37779	NBU 1022-19B	Sec 19 T10S R22E 0696 FNL 2180 FEL
43-047-37780	NBU 1022-19G	Sec 19 T10S R22E 2069 FNL 2241 FEL
43-047-37781	NBU 1022-19I	Sec 19 T10S R22E 2135 FSL 0460 FEL
43-047-37782	NBU 1022-19O	Sec 19 T10S R22E 0740 FSL 2065 FEL
43-047-37734	NBU 1021-27E	Sec 27 T10S R21E 1862 FNL 0535 FWL
43-047-37728	NBU 1021-28G	Sec 28 T10S R21E 1952 FNL 1971 FEL
43-047-37721	NBU 1021-13C	Sec 13 T10S R21E 0576 FNL 1772 FWL
43-047-37722	NBU 1021-13A	Sec 13 T10S R21E 0651 FNL 1311 FEL

Page 2

43-047-37723 NBU 1021-13G	Sec 13 T10S R21E 1444 FNL 2651 FEL
43-047-37724 NBU 1021-13K	Sec 13 T10S R21E 1935 FSL 1486 FWL
43-047-37725 NBU 1021-13I	Sec 13 T10S R21E 2353 FSL 0668 FEL
43-047-37727 NBU 1021-13O	Sec 13 T10S R21E 0777 FSL 1573 FEL
43-047-37761 NBU 920-20P	Sec 20 T09S R20E 0769 FSL 0978 FEL
43-047-37760 NBU 920-20O	Sec 20 T09S R20E 0842 FSL 1913 FEL
43-047-37759 NBU 920-20N	Sec 20 T09S R20E 0803 FSL 1885 FWL
43-047-37758 NBU 920-20M	Sec 20 T09S R20E 0630 FSL 0838 FWL
43-047-37757 NBU 920-20L	Sec 20 T09S R20E 2104 FSL 0827 FWL
43-047-37756 NBU 920-20J	Sec 20 T09S R20E 1466 FSL 1653 FEL
43-047-37755 NBU 920-20I	Sec 20 T09S R20E 1955 FSL 0717 FEL
43-047-37732 NBU 920-22E	Sec 22 T09S R20E 2009 FNL 0756 FWL
43-047-37764 NBU 920-24M	Sec 24 T09S R20E 0614 FSL 0851 FWL
43-047-37753 NBU 920-14M	Sec 14 T09S R20E 0536 FSL 0612 FWL
43-047-37754 NBU 920-14N	Sec 14 T09S R20E 0732 FSL 1805 FWL

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File – Natural Buttes Unit
Division of Oil Gas and Mining
Central Files



State of Utah

Department of Natural Resources

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

March 6, 2006

Westport Oil & Gas Company, LP
1368 South 1200 East
Vernal, UT 84078

Re: Natural Buttes Unit 920-14N Well, 732' FSL, 1805' FWL, SE SW, Sec. 14,
T. 9 South, R. 20 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-37754.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Uintah County Assessor
Bureau of Land Management, Vernal District Office

Operator: Westport Oil & Gas Company, LP
Well Name & Number Natural Buttes Unit 920-14N
API Number: 43-047-37754
Lease: UTU-0577-A

Location: SE SW Sec. 14 T. 9 South R. 20 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. In accordance with Order in Cause No. 190-5(b) dated October 28, 1982, the Operator shall comply with requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the surface and/or production casing is properly cemented over the entire oil shale interval as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the Division.

5. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING

1. DJJ

2. CDW

X Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

1/6/2006

FROM: (Old Operator):

N2115-Westport Oil & Gas Co., LP
 1368 South 1200 East
 Vernal, UT 84078
 Phone: 1-(435) 781-7024

TO: (New Operator):

N2995-Kerr-McGee Oil & Gas Onshore, LP
 1368 South 1200 East
 Vernal, UT 84078
 Phone: 1-(435) 781-7024

CA No.		Unit:		NATURAL BUTTES UNIT				
WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 5/10/2006
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 5/10/2006
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 3/7/2006
- a. Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
- b. If **NO**, the operator was contacted on: _____
- 5a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
- 5b. Inspections of LA PA state/fee well sites complete on: n/a 3 LA wells & all PA wells transferred
- 5c. Reports current for Production/Disposition & Sundries on: ok
- 6. Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 3/27/2006 BIA not yet
- 7. Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: 3/27/2006
- 8. Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- 9. Underground Injection Control ("UIC")** The Division has approved UIC Form 5, Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: _____

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 5/15/2006
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 5/15/2006
- Bond information entered in RBDMS on: 5/15/2006
- Fee/State wells attached to bond in RBDMS on: 5/16/2006
- Injection Projects to new operator in RBDMS on: _____
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a Name Change Only

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: CO1203
- Indian well(s) covered by Bond Number: RLB0005239
- (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB0005236
- a. The **FORMER** operator has requested a release of liability from their bond on: n/a rider added KMG
The Division sent response by letter on: _____

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 5/16/2006

COMMENTS:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR-McGEE OIL & GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED

5. Lease Serial No.

MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

MUTIPLE WELLS

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UTAH

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☐ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☒ Other **CHANGE OF OPERATOR**

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

PLEASE BE ADVISED THAT KERR-McGEE OIL & GAS ONSHORE LP, IS CONSIDERED TO BE THE OPERATOR OF THE ATTACHED WELL LOCATIONS. EFFECTIVE JANUARY 6, 2006.

KERR-McGEE OIL & GAS ONSHORE LP, IS RESPONSIBLE UNDER TERMS AND CONDITIONS OF THE LEASE(S) FOR THE OPERATIONS CONDUCTED UPON LEASE LANDS. BOND COVERAGE IS PROVIDED BY STATE OF UTAH NATIONWIDE BOND NO. RLB0005237.

RECEIVED

MAY 10 2006

DIV. OF OIL, GAS & MINING

BLM BOND = C01203

BIA BOND = RLB0005237

APPROVED 5/16/06

Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

RANDY BAYNE

Title

DRILLING MANAGER

Signature

Date

May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

5. Lease Serial No.

MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

MUTIPLE WELLS

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WESTPORT OIL & GAS COMPANY L.P.

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other CHANGE OF OPERATOR
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

EFFECTIVE JANUARY 6, 2006, WESTPORT OIL & GAS COMPANY L.P., HAS RELINQUISHED THE OPERATORSHIP OF THE ATTACHED WELL LOCATIONS TO KERR-McGEE OIL & GAS ONSHORE LP.

APPROVED 5/16/06
Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

RECEIVED
MAY 10 2006

DIV OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

BRAD LANEY

Signature

Title

ENGINEERING SPECIALIST

Date

May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Brad Laney

Title

Office

Date

5-9-06

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Colorado State Office
2850 Youngfield Street
Lakewood, Colorado 80215-7076

IN REPLY REFER TO:

CO922 (MM)
3106
COC017387 et. al.

March 23, 2006

NOTICE

Kerr-McGee Oil & Gas Onshore L.P. :
1999 Broadway, Suite 3700 : Oil & Gas
Denver, CO 80202 :

Merger/Name Change - Recognized

On February 28, 2006 this office received acceptable evidence of the following mergers and name conversion:

Kerr-McGee Oil & Gas Onshore L.P., a Delaware Limited Partnership, and Kerr-McGee Oil & Gas Onshore LLC, a Delaware Limited Partnership merger with and into Westport Oil and Gas Company L.P., a Delaware Limited Partnership, and subsequent Westport Oil & Gas Company L.P. name conversion to Kerr-McGee Oil & Gas Onshore L.P.

For our purposes the merger and name conversion was effective January 4, 2006, the date the Secretary of State of Delaware authenticated the mergers and name conversion.

Kerr-McGee Oil & Gas Onshore L.P. provided a list of oil and gas leases held by the merging parties with the request that the Bureau of Land Management change all their lease records from the named entities to the new entity, Kerr-McGee Oil & Gas Onshore L.P. In response to this request each state is asked to retrieve their own list of leases in the names of these entities from the Bureau of Land Management's (BLM) automated LR2000 data base.

The oil and gas lease files identified on the list provided by Kerr-McGee Oil & Gas Onshore L.P. have been updated as to the merger and name conversion. We have not abstracted the lease files to determine if the entities affected by the acceptance of these documents holds an interest in the lease, nor have we attempt to identify leases where the entity is the operator on the ground that maintains vested record title or operating rights interests. If additional documentation, for change of operator, is required you will be contacted directly by the appropriate Field Office. The Mineral Management Services (MMS) and other applicable BLM offices were notified of the merger with a copy of this notice

Please contact this office if you identify additional leases where the merging party maintains an interest, under our jurisdiction, and we will document the case files with a copy of this notice. If the leases are under the jurisdiction of another State Office that information will be forwarded to them for their action.

Three riders accompanied the merger/name conversion documents which will add Kerr-McGee Oil and Gas Onshore LLC as a principal to the 3 Kerr-McGee bonds maintained by the Wyoming State Office. These riders will be forward to them for their acceptance.

The Nationwide Oil & Gas Continental Casualty Company Bond #158626364 (BLM Bond #CO1203), maintained by the Colorado State Office, will remain in full force and effect until an assumption rider is accepted by the Wyoming State Office that conditions their Nationwide Safeco bond to accept all outstanding liability on the oil and gas leases attached to the Colorado bond.

If you have questions about this action you may call me at 303.239.3768.

/s/Martha L. Maxwell
Martha L. Maxwell
Land Law Examiner
Fluid Minerals Adjudication

Attachment:

List of OG Leases to each of the following offices:

MMS MRM, MS 357B-1

WY, UT, NM/OK/TX, MT/ND, WY State Offices

CO Field Offices

Wyoming State Office

Rider #1 to Bond WY2357

Rider #2 to Bond WY1865

Rider #3 to Bond WY1127



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
<http://www.blm.gov>



IN REPLY REFER TO:
3106
(UT-922)

March 27, 2006

Memorandum

To: Vernal Field Office

From: Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the merger recognized by the Bureau of Land Management, Colorado State Office. We have updated our records to reflect the merger from Westport Oil and Gas Company L.P. into Kerr-McGee Onshore Oil and Gas Company. The merger was approved effective January 4, 2006.

Chief, Branch of
Fluid Minerals

Enclosure

Approval letter from BLM COSO (2 pp)

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114
Teresa Thompson
Joe Incardine
Connie Seare
Dave Mascarenas
Susan Bauman

RECEIVED

MAR 28 2006

DIV. OF OIL, GAS & MIN. LB

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR MCGEE OIL AND GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

435-781-7003

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

732' FSL 1805' FWL
SESW, SEC 14-T10S-R20E
a

5. Lease Serial No.

UTU-0577-A

6. If Indian, Allottee or Tribe Name

UTE TRIBE

7. If Unit or CA/Agreement, Name and/or No.

NATURAL BUTTES UNIT

8. Well Name and No.

NBU 920-14N

9. API Well No.

4304737754

10. Field and Pool, or Exploratory Area

NATURAL BUTTES

11. County or Parish, State

UINTAH, UTAH

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other APD EXTENSION
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	DOGM
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

THE OPERATOR REQUESTS AUTHORIZATION FOR A ONE YEAR EXTENSION FOR THE SUBJECT WELL LOCATION SO THAT THE DRILLING OPERATIONS MAY BE COMPLETED. THE ORIGINAL APD WAS APPROVED BY THE DIVISION OF OIL, GAS AND MINING APPROVED BY THE

Utah Division of
Oil, Gas and Mining

Date: 02-21-07

By: [Signature]

2-22-07
DM

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

RAMEY HOOPES

Title

REGULATORY CLERK

Signature

[Signature: Ramey Hoopes]

Date

FEBURARY 12, 2007

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

RECEIVED

FEB 20 2007

DIV. OF OIL, GAS & MINING

**Application for Permit to Drill
Request for Permit Extension
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

API: 4304737754
Well Name: NBU 920-14N
Location: SESW, SEC 14-T9S-R20E
Company Permit Issued to: KERR MCGEE OIL AND GAS ONSHORE LP
Date Original Permit Issued: 3/6/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☒

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐

Ramey Hoopes
Signature

2/12/2007

Date

Title: Regulatory Clerk

Representing: Kerr McGee Oil & Gas Onshore LP

RECEIVED

FEB 20 2007

DIV. OF OIL, GAS & MINING

RECEIVED

FEB 09 2006

Form 3160-3
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

BLM VERNAL, UTAH

FORM APPROVED
OMB No. 1004-0136
Expires November 30, 2000

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER			5. Lease Serial No. UTU-0577-A	
b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone			6. If Indian, Allottee or Tribe Name UTE TRIBE	
2. Name of Operator WESTPORT OIL & GAS COMPANY L.P.			7. If Unit or CA Agreement, Name and No.	
3A. Address 1368 SOUTH 1200 EAST, VERNAL, UTAH 84078		3b. Phone No. (include area code) 435-781-7060	8. Lease Name and Well No. NBU 920-14N	
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SESW 732' FSL 1805' FWL At proposed prod. Zone			9. API Well No. 43-047-37754	
14. Distance in miles and direction from nearest town or post office* 7 MILES SOUTHEAST OF OURAY, UTAH			10. Field and Pool, or Exploratory NATURAL BUTTES	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 732'		160	11. Sec., T., R., M., or Blk. and Survey or Area SEC 14-T9S-R20E	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. REFER TO TOPO C		19. Proposed Depth 10300'	12. County or Parish UINTAH	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 4829.1' GL		20. BLM/BIA Bond No. on file BIA #RLB0005239	13. State UTAH	
22. Approximate date work will start* UPON APPROVAL		17. Spacing Unit dedicated to this well 40		
23. Estimated duration TO BE DETERMINED		24. Attachments		

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- | | |
|--|---|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification. |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office. | 6. Such other site specific information and/or plans as may be required by the authorized office. |

25. Signature <i>Debra Domenici</i>	Name (Printed/Typed) DEBRA DOMENICI	Date 2/8/2006
Title ASSOCIATE ENVIRONMENTAL ANALYST		
Approved by (Signature) <i>Terry Kucelka</i>	Name (Printed/Typed) TERRY KUCELKA	Date 12-27-2007
Title Assistant Field Manager Lands & Mineral Resources		
Office VERNAL FIELD OFFICE		

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

RECEIVED

JAN 14 2008

DIV. OF OIL, GAS & MINING

UDDGM

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED

07BM4911A

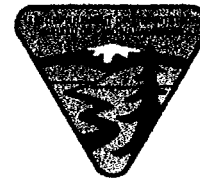


UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Kerr-McGee Oil & Gas Onshore, LP
Well No: NBU 920-14N
API No: 43-047- 37754

Location: SESW, Sec. 14, T9S, R20E
Lease No: UTU- 0577-A
Agreement: Natural Buttes Unit

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	James Ashley	(435) 781-4470	(435) 828-7874
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
NRS/Enviro Scientist:	Paul Buhler	(435) 781-4475	(435) 828-4029
NRS/Enviro Scientist:	Karl Wright	(435) 781-4484	(435) 828-7381
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	
NRS/Enviro Scientist:		(435) 781-4476	
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Jannice Cutler	(435) 781-3400	(435) 828-3544
NRS/Enviro Scientist:	Michael Cutler	(435) 781-3401	(435) 828-3546
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Darren Williams	(435) 781-4447	
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545

Fax: (435) 781-3420

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

Location Construction (Notify Environmental Scientist)	- Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	- Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	- Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	- Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

***SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)***

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.
- A 30' foot corridor right-of-way shall be approved. Upon completion of each pipeline in corridor, they shall be identified and filed with the Ute Tribe.
- A qualified Archaeologist accompanied by a Tribal Technician will monitor trenching construction of pipeline.
- The Ute Tribe Energy & Minerals Department is to be notified, in writing 48 hours prior to construction of pipeline.
- Construction Notice shall be given to the department on the Ute Tribe workdays, which are Monday through Thursday. The Company understands that they may be responsible for costs incurred by the Ute Tribe after hours.
- The Company shall inform contractors to maintain construction of pipelines within the approved ROW's.
- The Company shall assure the Ute Tribe that "ALL CONTRACTORS, INCLUDING SUB-CONTRACTORS, LEASING CONTRACTORS, AND ETC." have acquired a current and valid Ute Tribal Business License and have "Access Permits" prior to construction, and will have these permits in all vehicles at all times.
- You are hereby notified that working under the "umbrella" of a company does not allow you to be in the field, and can be subject to those fines of the Ute Tribe Severance Tax Ordinance.
- Any deviation of submitted APD's and ROW applications the Companies will notify the Ute Tribe and BIA in writing and will receive written authorization of any such change with appropriate authorization.
- The Company will implement "Safety and Emergency Plan." The Company's safety director will ensure its compliance.
- All Company employees and/or authorized personnel (sub-contractors) in the field will have approved applicable APD's and/or ROW permits/authorizations on their person(s) during all phases of construction.
- All vehicular traffic, personnel movement, construction/restoration operations should be confined to the area examined and approved, and to the existing roadways and/or evaluated access routes.
- All personnel should refrain from collecting artifacts, any paleontological fossils, and from disturbing any significant cultural resources in the area.

- The personnel from the Ute Tribe Energy & Minerals Department should be notified should cultural remains from subsurface deposits be exposed or identified during construction. All construction will cease.
- All mitigative stipulations contained in the Bureau of Indian Affairs Site Specific Environmental Assessment (EA) will be strictly adhered.
- Upon completion of Application for Corridor Right-Way, the company will notify the Ute Tribe Energy & Minerals Department, so that a Tribal Technician can verify Affidavit of Completion.

**DOWNHOLE PROGRAM
CONDITIONS OF APPROVAL (COAs)**

SITE SPECIFIC DOWNHOLE COAs:

- Surface casing cement shall be brought up to the surface. To reach the surface, operator is required to pump additional cement beyond the stated amounts of sacks in application.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.

- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and/or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or

data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: KERR McGEE OIL & GAS ONSHORE, LP

Well Name: NBU 920-14N

Api No: 43-047-37754 Lease Type: FEDERAL

Section 14 Township 09S Range 20E County UINTAH

Drilling Contractor PETE MARTIN DRLG RIG # RATHOLE

SPUDDED:

Date 02/12/ 08

Time 11:00 AM

How DRY

Drilling will Commence: _____

Reported by LOU WELDON

Telephone # (435) 828-7035

Date 02/13/08 Signed CHD

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 6

ENTITY ACTION FORM

Operator: KERR McGEE OIL & GAS ONSHORE LP
Address: 1368 SOUTH 1200 EAST
city VERNAL
state UT zip 84078

Operator Account Number: N 2995

Phone Number: (435) 781-7024

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304737754	NBU 920-14N		SESW	14	9S	20E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
B	99999	2900	2/12/2008			2/15/08	
Comments: MIRU PETE MARTIN BUCKET RIG <i>WSMVD</i> SPUD WELL LOCATION ON 02/12/2008 AT 1100 HRS							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
Comments:							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
Comments:							

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

SHEILA UPCHEGO

Name (Please Print)

Signature

SENIOR LAND SPECIALIST

2/13/2008

Title

Date

RECEIVED

FEB 14 2008

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUBMIT IN TRIPLICATE - Other instructions on reverse side

5. Lease Serial No.
UTU-0577-A

6. If Indian, Allottee or Tribe Name
UTE TRIBE

7. If Unit or CA/Agreement, Name and/or No.
**UNIT #891008900A
NATURAL BUTTES UNIT**

8. Well Name and No.
NBU 920-14N

9. API Well No.
4304737754

10. Field and Pool, or Exploratory Area
NATURAL BUTTES

11. County or Parish, State
UINTAH COUNTY, UTAH

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
KERR-McGEE OIL & GAS ONSHORE LP

3a. Address
1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)
(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SE/SW SEC. 14, T9S, R20E 732'FSL, 1805'FWL

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other WELL SPUD
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

MIRU PETE MARTIN BUCKET RIG. DRILLED 20" CONDUCTOR HOLE TO 40'. RAN 14" 36.7#
SCHEDULE 10 PIPE. CMT W/28 SX READY MIX.

SPUD WELL LOCATION ON 2/12/2008 AT 1100 HRS

RECEIVED
FEB 25 2008
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)
SHEILA WPCHEGO

Signature

Title
SENIOR LAND ADMIN SPECIALIST

Date
February 13, 2008

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE – Other instructions on reverse side

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. UTU-0577-A
2. Name of Operator KERR-McGEE OIL & GAS ONSHORE LP		6. If Indian, Allottee or Tribe Name UTE TRIBE
3a. Address 1368 SOUTH 1200 EAST VERNAL, UT 84078	3b. Phone No. (include area code) (435) 781-7024	7. If Unit or CA/Agreement, Name and/or No. UNIT #891008900A NATURAL BUTTES UNIT
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) SE/SW SEC. 14, T9S, R20E 732'FSL, 1805'FWL		8. Well Name and No. NBU 920-14N
		9. API Well No. 4304737754
		10. Field and Pool, or Exploratory Area NATURAL BUTTES
		11. County or Parish, State UINTAH COUNTY, UTAH

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other SET SURFACE
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	CSG
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	


13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

MIRU PROPETRO RIG 10 ON 02/13/2008. DRILLED 12 1/4" SURFACE HOLE TO 2850'. RAN 9 5/8" 36# J-55 SURFACE CSG. LEAD CMT W/270 SX HIFILL CLASS G @11.0 PPG 3.82 YIELD. TAILED CMT W/200 SX PREM CLASS G @15.8 PPG 1.15 YIELD. GOOD RETURNS THROUGHOUT JOB 20 +/- LEAD CMT TO PIT. RAN 200' OF 1" PIPE. CMT W/100 SX PREM CLASS G @15.8 PPG 1.15 YIELD. DOWN 1" PIPE. GOOD CMT TO SURFACE AND FELL BACK. TOP OUT W/50 SX PREM CLASS G @15.8 PPG 1.15 YIELD. DOWN BACKSIDE GOOD CMT TO SURFACE HOLE STAYED FULL.

WORT.

RECEIVED
FEB 25 2008
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed) SHEILA UPCHEGO	Title SENIOR LAND ADMIN SPECIALIST
Signature 	Date February 14, 2008

THIS SPACE FOR FEDERAL OR STATE USE

Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		
Office		

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

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SUBMIT IN TRIPLICATE – Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR-McGEE OIL & GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SE/SW SEC. 14, T9S, R20E 732'FSL, 1805'FWL

5. Lease Serial No.

UTU-0577-A

6. If Indian, Allottee or Tribe Name

UTE TRIBE

7. If Unit or CA/Agreement, Name and/or No.

UNIT #891008900A

NATURAL BUTTES UNIT

8. Well Name and No.

NBU 920-14N

9. API Well No.

4304737754

10. Field and Pool, or Exploratory Area

NATURAL BUTTES

11. County or Parish, State

UINTAH COUNTY, UTAH

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THE OPERATOR REQUESTS AUTHORIZATION TO CHANGE THE DRILLING PLANS FROM THE ORIGINAL APPROVED APD. THE OPERATOR PROPOSES TO DRILL TO A TOTAL DEPTH OF 12,500', INSTEAD OF THE 10,300' TOTAL DEPTH AS ORIGINALLY PLANED IN THE APD.

PLEASE REFER TO THE ATTACHED DRILLING DOWN HOLE DIAGRAM.

COPY SENT TO OPERATOR

Date: **2-28-2008**

Initials: **KS**

RECEIVED

FEB 25 2008

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

SHEILA UPCHEGO

Signature

Title

SENIOR LAND ADMIN SPECIALIST

Date

February 14, 2008

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

BRADLEY G. HILL

Date

02-28-08

ENVIRONMENTAL MANAGER

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

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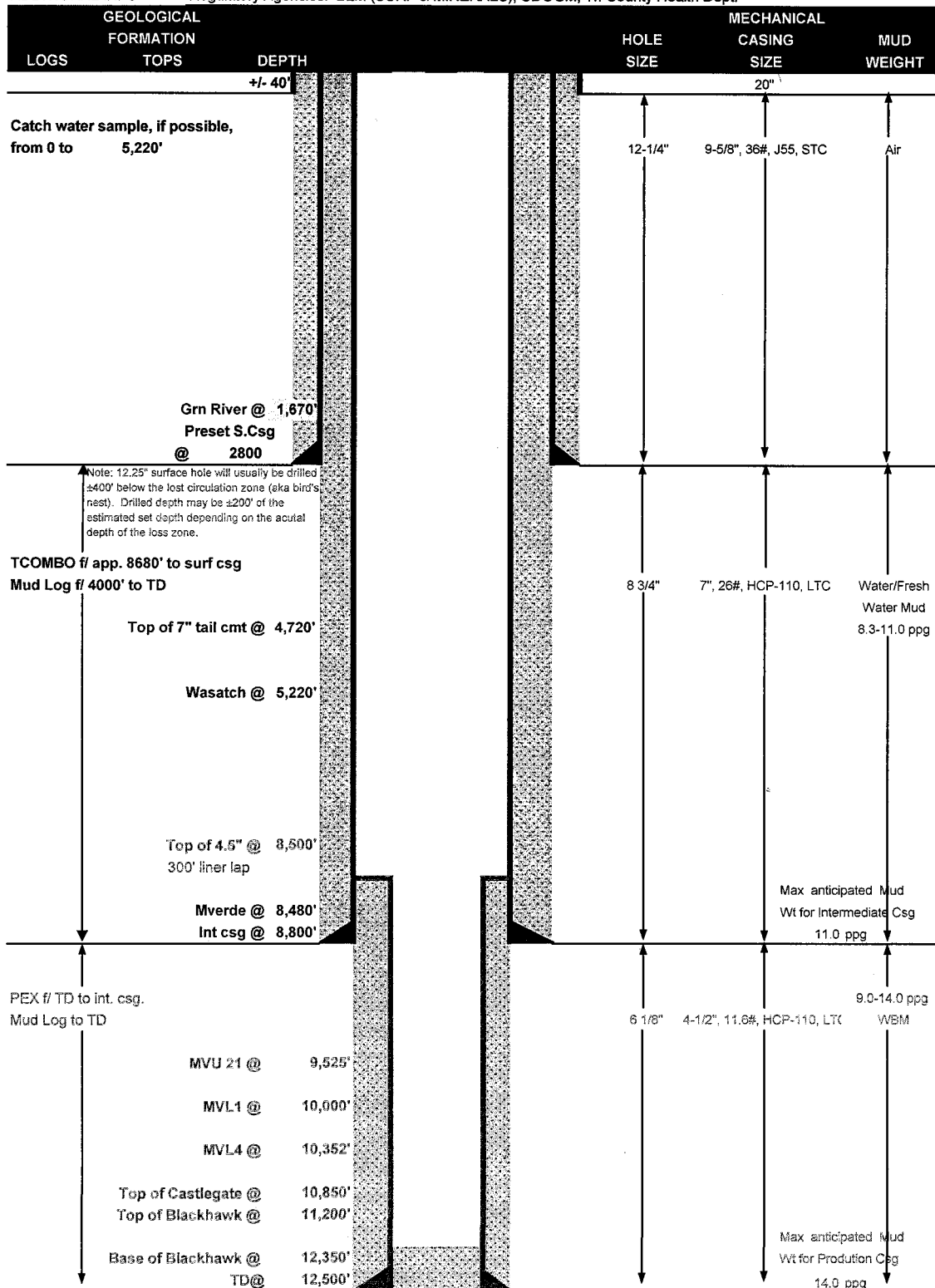
(Instructions on reverse)

**Federal Approval of this
Action is Necessary**



KERR-McGEE OIL & GAS ONSHORE LP DRILLING PROGRAM

COMPANY NAME KERR-McGEE OIL & GAS ONSHORE LP DATE February 21, 2008
WELL NAME NBU 920-14N TD 12,500' MD/TVD
FIELD Natural Buttes COUNTY Uintah STATE Utah ELEVATION 4,833' GL KB 4,848'
SURFACE LOCATION SESW SECTION 14-T9S-R20E 732'FSL & 1805'FWL BHL Straight Hole
Latitude: 40.030075 Longitude: 109.637142
OBJECTIVE ZONE(S) Wasatch/Mesaverde/Blackhawk
ADDITIONAL INFO Regulatory Agencies: BLM (SURF & MINERALS), UDOGM, Tri-County Health Dept.



CASING PROGRAM

	SIZE	INTERVAL	WT.	GR.	CPLG.	DESIGN FACTORS		
						BURST	COLLAPSE	TENSION
CONDUCTOR	14"	0-40'				2,270	1,370	254,000
SURFACE	9-5/8"	0 to 2800	36.00	J-55	STC	0.73	1.05	3.22
						9,950	6,230	693,000
INTERMEDIATE	7"	0 to 8,800'	26.00	HCP-110	LTC	1.57	1.24	3.92
						10690	8650	279000
PRODUCTION	4-1/2"	8,500' to 12,500'	11.60	HCP-110	LTC	1.68	0.95	6.89

- 1) Max Anticipated Surf. Press.(MASP) (Surface Casing) = (Pore Pressure at next csg point-(0.22 psi/ft-partial evac gradient x TVD of next csg point)
- 2) MASP (Int Casing) = Pore Pressure at Next Casing Point - (.22 psi/ft-partial evac gradient x TVD of next csg point)
- 3) MASP (Prod Casing) = Pore Pressure at TD - (.22 psi/ft-partial evac gradient x TD)
- (Burst Assumptions:MaxPorePress@ Int shoe 11.0 ppg | MW @TD 14.0 ppg) .22 psi/ft = gradient for partially evac wellbore
- (Collapse Assumption: Fully Evacuated Casing, Max MW) (Tension Assumptions: Air Weight of Casing*Buoy.Fact. of water)
- MASP = 6350

CEMENT PROGRAM

		FT. OF FILL	DESCRIPTION	SACKS	EXCESS*	WEIGHT	YIELD
SURFACE	LEAD	500	Premium cmt + 2% CaCl	215	60%	15.60	1.18
Option 1			+ .25 pps flocele				
	TOP OUT CMT (1)	200	20 gals sodium silicate + Premium cmt	50		15.60	1.18
			+ 2% CaCl + .25 pps flocele				
	TOP OUT CMT (2)	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
SURFACE			NOTE: If well will circulate water to surface, option 2 will be utilized				
Option 2	LEAD	1500	Prem cmt + 16% Gel + 10 pps gilsonite	170	35%	11.00	3.82
			+ .25 pps Flocele + 3% salt BWOC				
	TAIL	500	Premium cmt + 2% CaCl	180	35%	15.60	1.18
			+ .25 pps flocele				
	TOP OUT CMT	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
INTERMEDIATE	LEAD	4,720'	Premium Lite II + 3% KCl + 0.25 pps celloflake + 5 pps gilsonite + 10% gel + 0.5% extender	270	40%	11.00	3.38
	TAIL	4,080'	50/50 Poz/G + 10% salt + 2% gel	670	40%	14.30	1.31
PRODUCTION	Lead	0,000'	Premium Lite II High Strength + 5 pps Kolseal + 3% KCl + 0.05 pps Static-free + 0.7% R-3 + 0.25 pps celloflake + 0.7% FL-52	0	10%	13.00	1.97
			*no excess in cased interval				
	Tail	4,000'	50/50 Poz/G + 3% gel + 0.6% FL-52 + 0.3% R-3 + 0.25 pps celloflake + 20% silica + 0.05 pps Static-free	300	10%	14.10	1.54

*Substitute caliper hole volume plus 0% excess for LEAD if accurate caliper is obtained

*Substitute caliper hole volume plus 15% excess for TAIL, if accurate caliper is obtained

FLOAT EQUIPMENT & CENTRALIZERS

SURFACE	Guide shoe, 1 jt, insert float. Centralize first 3 joints with bow spring centralizers. Thread lock guide shoe.
INTERMEDIATE	Float shoe, 1 jt, float collar. Centralize first 3 joints & every third joint to top of tail cement with bow spring centralizers.
PRODUCTION	Float shoe, 1 jt, float collar. Centralize first 3 joints & every third joint to top of cement with bow spring centralizers.

ADDITIONAL INFORMATION

Test casing head to 750 psi after installing. Test surface casing to 1,500 psi prior to drilling out.

BOPE: 11" 10M with one annular and 3 rams. Test to 10,000 psi (annular to 5,000 psi) prior to drilling out. Record on chart recorder & tour sheet. Function test rams on each trip. Maintain safety valve & inside BOP on rig floor at all times. Kelly to be equipped with upper & lower kelly valves.

Run Totco surveys every 2000'. Maximum allowable hole angle is 5 degrees.

Most rigs have PVT Systems for mud monitoring. If no PVT is available, visual monitoring will be utilized.

DRILLING ENGINEER:

Brad Laney

DATE:

DRILLING SUPERINTENDENT:

Randy Bayne

DATE:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR-McGEE OIL & GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SE/SW SEC. 14, T9S, R20E 732'FSL, 1805'FWL

5. Lease Serial No.

UTU-0577-A

6. If Indian, Allottee or Tribe Name

UTE TRIBE

7. If Unit or CA/Agreement, Name and/or No.

UNIT #891008900A

NATURAL BUTTES UNIT

8. Well Name and No.

NBU 920-14N

9. API Well No.

4304737754

10. Field and Pool, or Exploratory Area

NATURAL BUTTES

11. County or Parish, State

UINTAH COUNTY, UTAH

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input checked="" type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
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THE OPERATOR REQUESTS AUTHORIZATION TO CHANGE THE BOPE FOR THE SUBJECT WELL LOCATION. ON OUR SUNDRY DATED FEBRUARY 14, 2008. STATED THAT WE WOULD RUN A 10K BOPE SYSTEM. THAT IS TRUE FOR THE BOTTOM PORTION OF THE HOLE BUT THE OPERATOR WILL UTILIZE A 5K BOPE SYSTEM WHILE DRILLING THE INTERMEDIATE HOLE SECTION FROM APPROXIMATELY 2800'-9000'. AFTER THE 7" CASING IS RUN AND CEMENTED, THE 5K SYSTEM WILL BE NIPPLED DOWN AND THE 10K SYSTEM WILL BE NIPPLED UP AND TESTED BEFORE DRILLING OUT THE 7" CASING SHOE. THE 6 1/8" HOLE WILL BE DRILLED F/APPROXIMATELY 9000'-12,500' WITH THE 10K SYSTEM.

COPY SENT TO OPERATOR

Date: **5.6.2008**

Initials: **KS**

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

SHEILA UPCHEGO

Title

SENIOR LAND ADMIN SPECIALIST

Signature

Date

March 31, 2008

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Accepted by the
Utah Division of
Oil, Gas and Mining

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Federal Approval Of This
Action Is Necessary

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RECEIVED

(Instructions on reverse)

By: **[Signature]**

APR 15 2008

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS
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SUBMIT IN TRIPLICATE – Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR-McGEE OIL & GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SE/SW SEC. 14, T9S, R20E 732'FSL, 1805'FWL

5. Lease Serial No.

UTU-0577-A

6. If Indian, Allottee or Tribe Name

UTE TRIBE

7. If Unit or CA/Agreement, Name and/or No.

UNIT #891008900A

NATURAL BUTTES UNIT

8. Well Name and No.

NBU 920-14N

9. API Well No.

4304737754

10. Field and Pool, or Exploratory Area

NATURAL BUTTES

11. County or Parish, State

UINTAH COUNTY, UTAH

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	CSG
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DRILLING FROM 2850' TO 8790' ON 04/12/2008. RAN 7" 26# P-110 INTERMEDIATE CSG. CMT W/280 SX PREM LITE II @11.0 PPG 3.38 YIELD. TAILED CMT W/705 SX 50/50 POZ @14.3 PPG 1.31 YIELD. DROP PLUG AND DISPLACE W/334.8 BBLs CLAY TREAST WATER @2738 PSI BUMPED PLUG W/3270 PSI FLOATS HELD. W/3 BBL RETURN GOOD RETURNS DURING CMT JOB W/29 BBLs CMT TO RESERVE ATTEMPT TO SET SLIPS THROUGH BOP SIPS HUNG ON CSG IN BOP UNABLE TO MOVE SLIPS UP OR DOWN N/DN BOP & RAISE SET SLIPS W/190 STIRNG WT MAKE ROUGH CUT ON 7" L/OUT SAME N/DN 11" 5M BOP AND SET OUT N/UP 7" B SECTION AND TEST DRILLING AHEAD.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

SHEILA UPCHEGO

Title

SENIOR LAND ADMIN SPECIALIST

Signature

Date

February 14, 2008

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

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(Instructions on reverse)

RECEIVED

APR 21 2008

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

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<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize <input type="checkbox"/> Deepen <input type="checkbox"/> Production (Start/Resume) <input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Reclamation <input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair <input type="checkbox"/> New Construction <input type="checkbox"/> Recomplete <input checked="" type="checkbox"/> Other FINAL DRILLING OPERATIONS
	<input type="checkbox"/> Change Plans <input type="checkbox"/> Plug and Abandon <input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Convert to Injection <input type="checkbox"/> Plug Back <input type="checkbox"/> Water Disposal

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

FINISHED DRILLING FROM 8790' TO 11,700' ON 05/06/2008. RAN 4 1/2" 11.6# HCP-110 PRODUCTION CSG. CMT W/350 SX 50/50 POZ @14.3 PPG 1.31 YIELD. DROP PLUG DISPLACE W/112 BBLS RIG MUD 1 BPM RETURNS TO PIT 63 BBLS PMP PLUG HIT 2500 PSI TRIPPED LINER LATCH CONT DISPLACEMENT W/1/4 BPM RETURNS BUMPED PLUG @1550 PSI FLOATS HELD W/5 BBL BACK TO TRUCK. CLEAN MUD PITS NIPPLE DOWN BOPE.

RELEASED PIONEER RIG 54 ON 05/09/2008 AT 0300 HRS.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

SHEILA UPCHEGO

Title

SENIOR LAND ADMIN SPECIALIST

Signature

Date

February 14, 2008

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

RECEIVED

MAY 14 2008

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE – Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR-McGEE OIL & GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SE/SW SEC. 14, T9S, R20E 732'FSL, 1805'FWL

5. Lease Serial No.

UTU-0577-A

6. If Indian, Allottee or Tribe Name

UTE TRIBE

7. If Unit or CA/Agreement, Name and/or No.

UNIT #891008900A

NATURAL BUTTES UNIT

8. Well Name and No.

NBU 920-14N

9. API Well No.

4304737754

10. Field and Pool, or Exploratory Area

NATURAL BUTTES

11. County or Parish, State

UINTAH COUNTY, UTAH

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other PRODUCTION START-UP
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

THE SUBJECT WELL LOCATION WAS PLACED ON PRODUCTION ON 09/05/2008 AT 10:00 AM.

PLEASE REFER TO THE ATTACHED CHRONOLOGICAL WELL HISTORY.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

SHEILA UPCHEGO

Title

REGULATORY ANALYST

Signature

Date

September 10, 2008

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED

(Instructions on reverse)

SEP 11 2008

DIV. OF OIL, GAS & MINING

Wins No.: 94875

NBU 920-14N

Well Operations Summary Long

Operator KERR MCGEE OIL & GAS ONSHORE LP	FIELD NAME NATURAL BUTTES	SPUD DATE 02/12/2008	GL 4,833	KB 4852	ROUTE
API 4304737754	STATE UTAH	COUNTY UINTAH	DIVISION ROCKIES		
Long/Lat.: 40.03008 / -109.63714	Q-Q/Sect/Town/Range:	SESW / 14 / 9S / 20E	Footages:	732.00' FSL	1,805.00' FWL

Wellbore: NBU 920-14N

MTD	TVD	PBMD	PBTVD				
11,702	11,657	4,852	4,852				
EVENT INFORMATION:	EVENT ACTIVITY: DRILLING	START DATE: 2/12/2008	AFE NO.: 2012332				
	OBJECTIVE: DEVELOPMENT	END DATE: 5/9/2008					
	OBJECTIVE 2: ORIGINAL	DATE WELL STARTED PROD.					
	REASON: SURF FACILITIES	Event End Status: SUSPENDED					
RIG OPERATIONS:	Begin Mobilization	Rig On Location	Rig Charges	Rig Operation Start	Finish Drilling	Rig Release	Rig Off Location
PFTE MARTIN DRILLING / UI	02/12/2008	02/12/2008	02/12/2008	02/12/2008	02/12/2008	02/12/2008	02/12/2008

Date	Time Start-End	Duration (hr)	Phase	Code	Subco de	P/U	Operation	MD:
2/12/2008	<u>SUPERVISOR:</u> LEW WELDON 11:00 - 17:00	6.00	DRLCON	02		P	MOVE IN AND RIG UP BUCKET RIG SPUD WELL @ 1100 HR 2/12/08 DRILL AND SET 40' OF SCHEDULE 10 PIPE DRILL RODENT HOLES FOR RIG 12 BLM AND STATE NOTFIED OF SPUD	59
2/13/2008	<u>SUPERVISOR:</u> LEW WELDON 13:30 - 0:00	10.50	DRLSUR	02		P	MOVE IN AND RIG UP AIR RIG SPUD WELL @ 1330 HR 2/13/08 DA AT REPORT TIME 750'	750
2/14/2008	<u>SUPERVISOR:</u> LEW WELDON 0:00 - 12:00	12.00	DRLSUR	02		P	RIG DRILLING AHEAD NO WATER 1290'	1,590
	12:00 - 0:00	12.00	DRLSUR	02		P	RIG DRILLING AHEAD NO WATER 1590'	
2/15/2008	<u>SUPERVISOR:</u> LEW WELDON 0:00 - 12:00	12.00	DRLSUR	02		P	RIG DRILLING AHEAD NO WATER 1860'	2,130
	12:00 - 0:00	12.00	DRLSUR	02		P	RIG DRILLING AHEAD NO WATER 2130'	
2/16/2008	<u>SUPERVISOR:</u> LEW WELDON 0:00 - 12:00	12.00	DRLSUR	02		P	RIG DRILLING AHEAD NO WATER 2490'	2,730
	12:00 - 0:00	12.00	DRLSUR	02		P	RIG DRILLING AHEAD NO WATER 2730'	
2/17/2008	<u>SUPERVISOR:</u> LEW WELDON 0:00 - 4:00	4.00	DRLSUR	02		P	RIG T/D @ 2850' CONDITION HOLE 1.5 HR	2,850

Wins No.: 94875		NBU 920-14N				API No.: 4304737754	
4:00 - 14:00	10.00	DRLSUR	05	P	RIG TRIP DP OUT OF HOLE VERY STICKY PULLING OFF BOTTOM		
14:00 - 19:00	5.00	DRLSUR	11	P	RUN 2765' OF 9 5/8 CSG LAST JNT WOULD GO LAY DOWN LAST JNT AND LAND CSG. RUN 200' OF 1" PIPE AND RIG DOWN AIR RIG		
19:00 - 20:30	1.50	DRLSUR	15	P	CEMENT 1ST STAGE WITH 270 SKS LEAD @ 11# 3.82 23 GAL/SK AND 200 SKS TAIL @ 15.8# 1.15 5.0 GAL/SK GOOD RETURNS THRUOUT JOB + - 20 BBL LEAD CMT TO PIT		
20:30 - 21:00	0.50	DRLSUR	15	P	1ST TOP JOB 100 SKS DOWN 1" PIPE GOOD CMT TO SURFACE AND FELL BACK WOC		
21:00 - 22:00	1.00	DRLSUR	15	P	2ND TOP JOB 50 SKS DOWN BS GOOD CMT TO SURFACE AND STAYED AT SURFACE		
22:00 - 22:00	0.00	DRLSUR			REALEASE CMT CREW NO VISIBLE LEAKS PIT 1/2 FULL WORT		
4/2/2008	SUPERVISOR: KENT MOORE				MD: 2,850		
0:00 - 6:00	6.00	RDMO	01	E	P	IDLE	
6:00 - 19:00	13.00	RDMO	01	A	P	MOVE & SET IN RIG - 100% MOVED 75% RIGGED UP - UNABLE TO PASS UNDER HIGH POWER ELECTRIC LINES WITH TALL LOADS ON SEEP RIDGE ROAD (6 BED TRUCKS, 6 ROAD TRUCKS, 2 FORKLIFTS & CRANE)	
19:00 - 0:00	5.00	RDMO	01	B	P	RURT	
4/3/2008	SUPERVISOR: KENT MOORE				MD: 2,850		
0:00 - 9:30	9.50	MIRU	01	B	P	RURT	
9:30 - 12:30	3.00	MIRU	13	A	P	N/UP BOP - FLOW LINE & SEPERATOR	
12:30 - 17:30	5.00	MIRU	13	C	P	TEST BOP - RAMS, CHOKE/CHOKE LINE, KELLY, FLOOR VALVES & UPPER/LOWER/FLOOR VALVES 250 LOW 5000 HIGH - ANNULAR 250 LOW 2500 HIGH - 1500 CASING	
17:30 - 19:00	1.50	MIRU	01	G	P	REPAIR 2nd GEAR DRAWWORKS CLUTCH	
19:00 - 19:30	0.50	MIRU	13	B	P	INSTALL WEARBUSHING	
19:30 - 0:00	4.50	MIRU	05	A	P	HPJSM - R/UP P/UP MACHINE - P/UP BHA/DP	
4/4/2008	SUPERVISOR: KENT MOORE				MD: 3,718		
0:00 - 1:00	1.00	DRLPRO	05	A	P	P/UP DP TO 2642' - R/DN P/UP MACHINE	

Wins No.: 94875

NBU 920-14N

API No.: 4304737754

0:00 - 1:00	1.00	DRLPRO	05	A	P	P/UP DP TO 2642' - R/DN P/UP MACHINE
1:00 - 1:30	0.50	DRLPRO	13	B	P	INSTALL ROTATING HEAD RUBBER
1:30 - 3:30	2.00	DRLPRO	02	F	P	DRILL CMT, FE & RATHOLE TO 2850'
3:30 - 4:30	1.00	DRLPRO	02	B	P	DRLG F/2850' TO 2927' (77')
4:30 - 5:00	0.50	DRLPRO	09	A	P	WLS - 14.82
5:00 - 5:30	0.50	DRLPRO	02	B	P	DRLG F/2927' TO 2959' (64')
5:30 - 6:00	0.50	DRLPRO	09	A	P	WLS - 15.05
6:00 - 6:30	0.50	DRLPRO	02	B	P	DRLG F/2959' TO 2990' (31' @ 62fph)
6:30 - 7:00	0.50	DRLPRO	04	A	P	FINISH DISPLACE RESERVE WATER TO FRESH WATER
7:00 - 11:30	4.50	DRLPRO	05	A	S	TRIP FOR DROPPING BIT - WASH 43' TO BTM - NO FILL
11:30 - 14:00	2.50	DRLPRO	02	B	P	DRLG F/2990' TO 3212' (222' @ 88.8fph)
14:00 - 14:30	0.50	DRLPRO	09	A	P	WLS - 6.68
14:30 - 15:00	0.50	DRLPRO	02	B	P	DRLG F/3212' TO 3244' (32' @ 64fph)
15:00 - 15:30	0.50	DRLPRO	09	A	P	WLS - 5.43
15:30 - 17:00	1.50	DRLPRO	02	B	P	DRLG F/3244' TO 3370' (126' @ 84fph)
17:00 - 17:30	0.50	DRLPRO	06	A	P	RIG SER
17:30 - 18:00	0.50	DRLPRO	09	A	P	WLS - MISS RUN
18:00 - 19:30	1.50	DRLPRO	02	B	P	DRLG F/3370 TO 3497' (127' @ 84.7fph) MW 9.1
19:30 - 20:00	0.50	DRLPRO	09	A	P	WLS - 1.72
20:00 - 22:30	2.50	DRLPRO	02	B	P	DRLG F/3497' TO 3655' (158' @ 63.2fph) MW 9.2

Wins No.: 94875

NBU 920-14N

API No.: 4304737754

20:00 - 22:30 2.50 DRLPRO 02 B P DRLG F/3497' TO 3655' (158' @ 63.2fph) MW 9.2
 22:30 - 23:00 0.50 DRLPRO 09 A P WLS - 1.49

23:00 - 0:00 1.00 DRLPRO 02 B P DRLG F/3655' TO 3718' (63') MW 9.2

4/5/2008

SUPERVISOR: KENT MOORE

MD: 4,842

0:00 - 4:00 4.00 DRLPRO 02 B P DRLG F/3718 TO 3939' (221' @ 55.3fph) MW 9.2

4:00 - 4:30 0.50 DRLPRO 09 A P WLS - 1.72

4:30 - 15:00 10.50 DRLPRO 02 B P DRLG F/3939' TO 4445' (506' @ 48.2fph) MW 9.3

15:00 - 15:30 0.50 DRLPRO 06 A P RIG SER

15:30 - 16:00 0.50 DRLPRO 09 A P WLS - 1.5

16:00 - 0:00 8.00 DRLPRO 02 B P DRLG F/4445' TO 4842' (397' @ 49.6fph) MW 9.4

4/6/2008

SUPERVISOR: KENT MOORE

MD: 5,532

0:00 - 5:30 4.50 DRLPRO 02 B P DRLG F/4842' TO 5057' (215' @ 39.1fph) MW 9.5 (5.5 HRS daylight saving time)

5:30 - 6:30 1.00 DRLPRO 07 B P C/OUT VALVE/SEAT #2 PUMP - (#1 PUMP INPUT SHAFT BEARING OVERHEATING)

6:30 - 15:00 8.50 DRLPRO 02 B P DRLG F/5057' TO 5299' (242' @ 28.5fph) MW 9.5

15:00 - 15:30 0.50 DRLPRO 06 A P RIG SER

15:30 - 18:00 2.50 DRLPRO 02 B P DRLG F/5299' TO 5394' (95' @ 38fph) MW 9.7

18:00 - 18:30 0.50 DRLPRO 07 B P CHANGE VALVE/SEAT #2 PUMP

18:30 - 19:30 1.00 DRLPRO 02 B P DRLG F/5394' TO 5426' (32') MW 9.7

19:30 - 20:00 0.50 DRLPRO 09 A P WLS - 1.08

20:00 - 0:00 4.00 DRLPRO 02 B P DRLG F/5426' TO 5532' (106' @ 26.5fph) MW 9.7

4/7/2008

SUPERVISOR: KENT MOORE

MD: 6,073

0:00 - 15:30 15.50 DRLPRO 02 B P DRLG F/5532' TO 6026' (494' @ 31.9fph) MW 9.8

Wins No.: 94875

NBU 920-14N

API No.: 4304737754

0:00 - 15:30	15.50	DRLPRO	02	B	P	DRLG F/5532' TO 6026' (494' @ 31.9fph) MW 9.8
15:30 - 16:00	0.50	DRLPRO	06	A	P	RIG SER
16:00 - 18:30	2.50	DRLPRO	02	B	P	DRLG F/6026' TO 6073' (47' @ 18.8fph) MW 9.8
18:30 - 0:00	5.50	DRLPRO	05	A	P	TFNB - (TIGHT ON POOH @ 5194, 4627 & 3876)

4/8/2008

SUPERVISOR: KENT MOORE

MD: 7,165

0:00 - 3:30	3.50	DRLPRO	05	A	P	RIH - WASH TIGHT AREAS @ 5320', 5512, 5789' - WASH 26' F/6047' TO 6073' - 2' FILL
3:30 - 14:00	10.50	DRLPRO	02	B	P	DRLG F/6073' TO 6595' (522' @ 49.7fph) MW 10.2
14:00 - 14:30	0.50	DRLPRO	06	A	P	RIG SER
14:30 - 0:00	9.50	DRLPRO	02	B	P	DRLG F/6595' TO 7165' (570' @ 60fph) MW 10.3

4/9/2008

SUPERVISOR: KENT MOORE

MD: 7,766

0:00 - 12:30	12.50	DRLPRO	02	B	P	DRLG F/7165' TO 7576' (411' @ 32.9fph) MW 10.4
12:30 - 13:00	0.50	DRLPRO	06	A	P	RIG SER
13:00 - 15:30	2.50	DRLPRO	02	B	P	DRLG F/7576' TO 7642' (66' @ 26.4fph) MW 10.4
15:30 - 19:00	3.50	DRLPRO	07	B	P	REPLACE ROTARY CHAIN
19:00 - 0:00	5.00	DRLPRO	02	B	P	DRLG F/7642' TO 7766' (124' @ 24.8fph) MW 10.5

4/10/2008

SUPERVISOR: KENT MOORE

MD: 8,175

0:00 - 4:00	4.00	DRLPRO	02	B	P	DRLG F/7766' TO 7875' (109' @ 27.25fph) MW 10.5
4:00 - 12:30	8.50	DRLPRO	05	A	P	TFNB - PULLED 30/65K OVER F/6619 TO 3618' - RIH TO 6520' (NO PROBLEMS) - WASH F/6520' TO 6588' - RIH F/6588' TO 7855' - WASH 20' TO BTM - 2' FILL
12:30 - 15:30	3.00	DRLPRO	02	B	P	DRLG F/7875' TO 7956' (81' @ 27 1530fph) MW 11.0
15:30 - 16:00	0.50	DRLPRO	06	A	P	RIG SER
16:00 - 0:00	8.00	DRLPRO	02	B	P	DRLG F/7956' TO 8175' (218' @ 27.4fph) MW 11.2

Wins No.: 94875		NBU 920-14N						API No.: 4304737754	
4/11/2008	16:00 - 0:00	8.00	DRLPRO	02	B	P	DRLG F/7956' TO 8175' (218' @ 27.4fph) MW 11.2		
	SUPERVISOR: KENT MOORE							MD: 8,717	
	0:00 - 12:00	12.00	DRLPRO	02	B	P	DRLG F/8175' TO 8492' (317' @ 26.4fph) MW 10.2		
	12:00 - 12:30	0.50	DRLPRO	06	A	P	RIG SER		
	12:30 - 0:00	11.50	DRLPRO	02	B	P	DRLG F/8492' TO 8717' (225' @ 19.6fph) MW 11.4		
4/12/2008	SUPERVISOR: KENT MOORE							MD: 8,790	
	0:00 - 1:00	1.00	DRLIN1	02	B	P	DRLG F/8717' TO 8745' (28') MW 11.4		
	1:00 - 2:00	1.00	DRLIN1	04	F	P	CIRC BTMS UP F/SAMPLES - 70% SAND		
	2:00 - 5:00	3.00	DRLIN1	02	B	P	DRLG F/8745' TO 8790' (45' @ 15fph) MW 11.4		
	5:00 - 6:00	1.00	DRLIN1	04	F	P	CIRC BTMS UP F/SAMPLES - 85% SHALE		
	6:00 - 9:00	3.00	DRLIN1	05	E	P	W/TRIP TO 5000' - WASH 34' TO BTM - NO FILL		
	9:00 - 10:00	1.00	DRLIN1	04	A	P	CIRC & COND		
	10:00 - 16:00	6.00	DRLIN1	05	B	P	LDDP/BHA		
	16:00 - 16:30	0.50	DRLIN1	13	B	P	RETRIEVE WEARBUSHING		
	16:30 - 22:30	6.00	DRLIN1	08	A	P	HPJSM - R/UP BAKER ATLAS & RIH W/TRIPLE COMBO TO LOGGERS TD @ 8782'		
	22:30 - 0:00	1.50	CSG	11	A	P	HPJSM - R/UP CASING CREW		
4/13/2008	SUPERVISOR: KENT MOORE							MD: 8,790	
	0:00 - 9:00	9.00	CSG	11	B	P	RUN 208 JTS 7" 26# P-110 CASING TO 8790'		
	9:00 - 10:00	1.00	CSG	11	A	P	R/DN CASING CREW		
	10:00 - 11:00	1.00	CSG	04	A	P	CIRC & COND		

Wins No.: 94875

NBU 920-14N

API No.: 4304737754

11:00 - 14:00 3.00 CSG 15 A P HPJSM - R/UP & CEMENT 7" CASING - TEST LINES 5530 PSI, PUMP 20 BBLs MUD CLEAN, 20 SKS SCAVENGER 9.5 PPG 8.45 YIELD, 280 SKS LEAD 11.0 PPG 3.38 YIELD, 705 SKS 14.3 PPG 1.31 YIELD, DROPPED PLUG & DISPLACED W/334.8 BBLs CLAYTREAT WATER @ 2738 PSI, BUMPED PLUG W/3270 PSI - FLOATS HELD W/3 BBL RETURN - GOOD RETURNS DURING CMT JOB W/29 BBLs CMT TO RESERVE

14:00 - 19:00 5.00 CSG 11 B P ATTEMPT TO SET SLIPS THRU BOP - SLIPS HUNG ON CASING IN BOP UNABLE TO MOVE SLIPS UP OR DOWN - N/DN BOP & RAISE - SET SLIPS W/190 STRING WT - MAKE ROUGH CUT 7" L/OUT SAME (FMC HOTSHOT EXTRA 7" SLIPS TO RIG)

19:00 - 22:00 3.00 CSG 13 A P N/DN 11"5M BOP & SET OUT

22:00 - 0:00 2.00 DRLPRO 18 A P N/UP 7" B SECTION & TEST

4/14/2008

SUPERVISOR: KENT MOORE

MD: 8,790

0:00 - 13:00 13.00 DRLPRO 13 A P N/UP 7 1/16 10M BOP - P/UP 4 1/16 HEX KELLY - 3 1/2 HANDLING TOOLS

13:00 - 19:00 6.00 DRLPRO 13 C P TEST BOP - RAMS, CHOKE, CHOKE LINE, KELLY, KELLY VALVES & FLOOR VALVES 250 LOW 10,000 HIGH - ANNULAR 250 LOW 10,000 HIGH (10M ANNULAR) - CASING 2000

19:00 - 19:30 0.50 DRLPRO 13 B P INSTALL WEARBUSHING

19:30 - 0:00 4.50 DRLPRO 05 A P HPJM - RIG P/UP MACHINE - P/UP BHA/DP

4/15/2008

SUPERVISOR: KENT MOORE

MD: 8,925

0:00 - 5:00 5.00 DRLPRO 05 A P P/UP BHA/DP TO 8643'

5:00 - 5:30 0.50 DRLPRO 05 A P R/DN FRANKS P/UP MACHINE

5:30 - 7:00 1.50 DRLPRO 06 D P CUT DRILL LINE

7:00 - 8:30 1.50 DRLPRO 13 B P INSTALL ROTATING RUBBER - CENTER BOP

8:30 - 10:00 1.50 DRLPRO 02 F P DRILL CMT, FLOAT COLLAR F/8643' TO 8780'

10:00 - 11:00 1.00 DRLPRO 04 H P DISPLACE CASING W/11.2 PPG MUD

11:00 - 11:30 0.50 DRLPRO 02 F P DRILL CMT/FC, RATHOLE TO 8790'

11:30 - 12:30 1.00 DRLPRO 04 A P DRILL 10' NEW FORMATION TO 8800' - CIRC HOLE CLEAN

Wins No.: 94875

NBU 920-14N

API No.: 4304737754

11:30 - 12:30	1.00	DRLPRO	04	A	P	DRILL 10' NEW FORMATION TO 8800' - CIRC HOLE CLEAN
12:30 - 13:30	1.00	DRLPRO	14		P	HPJSM - R/UP BJ - PEFORM FIT @ 8800' W/11.2 PPG MUD TO 1763psi 15.02 EMW
13:30 - 15:00	1.50	DRLPRO	02	B	P	DRLG F/8800' TO 8816' (16' @ 10.7fph) MW 11.2
15:00 - 20:30	5.50	DRLPRO	07	B	P	REMOVED DEBRIS FROM UNDER VALVES SEATS BOTH PUMPS (wood, plastic, rubber, rope & rag) - CLEANED SUCTION CHAMBERS & SUCTION LINES BOTH PUMPS - TRANSFERED MUD FROM RIG TANKS TO UPRIGHT TANKS & CLEANED RIG TANKS - TRANSFERED MUD BACK TO RIG TANKS OVER SHALE SHAKERS
18:30 - 0:00	5.50	DRLPRO	02	B	P	DRLG F/8816' TO 8925' (109' @ 19.8fph) MW 11.2

4/16/2008

SUPERVISOR: KENT MOORE

MD: 9,946

0:00 - 14:30	14.50	DRLPRO	02	B	P	DRLG F/8925' TO 9509' (584' @ 40.3fph) MW 11.4
14:30 - 15:00	0.50	DRLPRO	06	A	P	RIG SER
15:00 - 0:00	9.00	DRLPRO	02	B	P	DRLG F/9509' TO 9946' (437' @ 48.5fph) MW 11.7

4/17/2008

SUPERVISOR: KENT MOORE

MD: 10,208

0:00 - 1:30	1.50	DRLPRO	02	B	P	DRLG F/9946' TO 9975' (29' @ 19.3fph) MW 11.7
1:30 - 2:00	0.50	DRLPRO	07	B	P	SUCTION VALVE #2 PUMP (WASHED MODULE #1 PUMP)
2:00 - 7:30	5.50	DRLPRO	02	B	P	DRLG F/9975' TO 10031' (56' @ 10.2fph) MW 11.7
7:30 - 17:30	10.00	DRLPRO	05	A	P	TFNB - WASH 27' TO BTM - NO FILL
17:30 - 0:00	6.50	DRLPRO	02	B	P	DRLG F/10031' TO 10208' (177' @ 27.2fph) MW 11.7

4/18/2008

SUPERVISOR: KENT MOORE

MD: 10,350

0:00 - 11:00	11.00	DRLPRO	02	B	P	DRLG F/10208 TO 10346' (138' @ 12.5fph) MW 11.7
11:00 - 16:30	5.50	DRLPRO	05	A	P	TFNB -L/DN MM - P/UP BIT SUB
16:30 - 17:30	1.00	DRLPRO	12	A	P	RENTAL BIT SUB NOT CUT F/3 1/2 IF FLOAT - WAIT ON 2F/3R FLOAT FOR BIT SUB F/KNIGHT OIL TOOLS
17:30 - 21:00	3.50	DRLPRO	05	A	P	M/UP BIT SUB & BIT - RIH TO 7830'
21:00 - 21:30	0.50	DRLPRO	07	A	P	REPLACE LINE GUIDE ROLLER ON DRILL LINE GUIDE

Wins No.: 94875		NBU 920-14N					API No.: 4304737754	
	21:00 - 21:30	0.50	DRLPRO	07	A	P	REPLACE LINE GUIDE ROLLER ON DRILL LINE GUIDE	
	21:30 - 23:30	2.00	DRLPRO	05	A	P	CONT RIH F/7830' TO 10255' - WASH 61' TO BTM - NO FILL	
	23:30 - 0:00	0.50	DRLPRO	02	A	P	DRLG F/10346' TO 10350' MW 11.7	
4/19/2008	SUPERVISOR: KENT MOORE						MD: 10,696	
	0:00 - 14:30	14.50	DRLPRO	02	A	P	DRLG F/10350' TO 10653' (303' @ 20.9fph) MW 11.8	
	14:30 - 15:00	0.50	DRLPRO	06	A	P	RIG SER	
	15:00 - 15:30	0.50	DRLPRO	02	A	P	DRLG F/10653' TO 10664' (11') MW 12.0	
	15:30 - 16:30	1.00	DRLPRO	07	B	P	LINER GASKET #2 PUMP - C/OUT CHARGER PUMP #1 PUMP	
	16:30 - 19:30	3.00	DRLPRO	02	A	P	DRLG F/10664' TO 10696' (32' @ 10.6fph) MW 12.2	
	19:30 - 0:00	4.50	DRLPRO	05	A	P	TFNB	
4/20/2008	SUPERVISOR: KENT MOORE						MD: 10,844	
	0:00 - 6:00	6.00	DRLPRO	05	A	P	TFNB	
	6:00 - 13:30	7.50	DRLPRO	02	A	P	DRLG F/10696' TO 10780' (84' @ 11.2fph) MW 12.2 (TOP CASTLEGATE 10,760')	
	13:30 - 14:00	0.50	DRLPRO	06	A	P	RIG SER	
	14:00 - 17:30	3.50	DRLPRO	02	A	P	DRLG F/10780' TO 10810' (30' @ 8.6fph) mw 12.2	
	17:30 - 18:30	1.00	DRLPRO	03	A	P	UNABLE TO PULL PASS 10790' ON CONNECTION - CIRC W/GOOD RETURNS - PULLED 125K OVER - PULLED FREE - REAMED THROUGH AREA - NO MORE PROBLEMS	
	18:30 - 0:00	5.50	DRLPRO	02	A	P	DRLG F/10810' TO 10844' (34' @ 6.2fph) MW 12.2	
4/21/2008	SUPERVISOR: KENT MOORE						MD: 10,898	
	0:00 - 6:00	6.00	DRLPRO	02	A	P	DRLG F/10844' TO 10875' (31' @ 5.2fph) MW 12.2	
	6:00 - 13:30	7.50	DRLPRO	05	A	P	TFNB	
	13:30 - 14:30	1.00	DRLPRO	04	A	P	BREAK CIRC @ 8790' - CIRC GAS OUT	

Wins No.: 94875		NBU 920-14N						API No.: 4304737754
	13:30 - 14:30	1.00	DRLPRO	04	A	P	BREAK CIRC @ 8790' - CIRC GAS OUT	
	14:30 - 16:00	1.50	DRLPRO	06	D	P	SLIP & CUT D/LINE	
	16:00 - 17:00	1.00	DRLPRO	05	A	P	TIH TO 10870' - WASH 5' - NO FILL	
	17:00 - 19:00	2.00	DRLPRO	02	A	P	DRLG F/10875' TO 10887' (12' @ 6fph) MW 12.2	
	19:00 - 23:00	4.00	DRLPRO	07	A	P	WEIGHT INDICATOR SHOWING INCONSISTENT WEIGHTS - QUADCO INSTRUMENT TECH ON LOCATION - C/OUT WEIGHT INDICATOR AND INSTALLED CAMERON LINE TYPE ON DRILL LINE	
	23:00 - 0:00	1.00	DRLPRO	02	A	P	DRLG F/10887' TO 10898' (11') MW 12.3	
4/22/2008	SUPERVISOR: KENT MOORE							MD: 11,017
	0:00 - 16:00	16.00	DRLPRO	02	A	P	DRLG F/10898' TO 11003' (105' @ 6.6fph) MW 12.4	
	16:00 - 22:30	6.50	DRLPRO	03	E	S	TIGHT CONNECTION @ 11,003' - EXCESS OVERPULL @ 100K+ - PUMP OUT 2 JTS DP TO 10,943' - OVER PULL STILL IN EXCESS OF 100K+ - (OBJECT BETWEEN DP & WELL BORE) - POOH TO 10,873 LOST 110K+ OVERPULL, CONTINUE POOH TO 7" CASING SHOE @ 8970' W/25/30K OVERPULL - (VERIFY ALL DP RUBBERS) - RIH TO 10,673 - WASH F/10,673' TO 11,003 - (NO OVERPULL PROBLEMS)	
	22:30 - 0:00	1.50	DRLPRO	02	A	P	DRLG F/11003' TO 11017' (14' @ 9.3fph) MW 12.4 (TIGHT CONNECTION @ 11034')	
4/23/2008	SUPERVISOR: KENT MOORE							MD: 11,066
	0:00 - 11:00	11.00	DRLPRO	02	A	P	DRLG F/11,017' TO 11,060' (43' @ 3.9fph) MW 12.6	
	11:00 - 13:00	2.00	DRLPRO	05	A	P	POOH TO 8790' - (TIGHT F/11060' TO 10910')	
	13:00 - 14:30	1.50	DRLPRO	07	A	P	REPLACE RIG WT INDICATOR & DIAPHRAM ON ANCHOR	
	14:30 - 21:00	6.50	DRLPRO	05	A	P	CONT TFNB	
	21:00 - 23:30	2.50	DRLPRO	03	E	P	WASH & REAM F/10,910' TO 11,060'	
	23:30 - 0:00	0.50	DRLPRO	02	A	P	DRLG F/11,060' TO 11,066' (6') MW 12.6	
4/24/2008	SUPERVISOR: KENT MOORE							MD: 11,139
	0:00 - 9:00	9.00	DRLPRO	02	A	P	DRLG F/11,066' TO 11,098' (32' @ 3.6fph) MW 12.6	
	9:00 - 9:30	0.50	DRLPRO	06	A	P	RIG SER	

9:00 - 9:30	0.50	DRLPRO	06	A	P	RIG SER
9:30 - 12:30	3.00	DRLPRO	02	A	P	DRLG F/11,098' TO 11,129' (31' @ 10.3fph) MW 12.7
12:30 - 13:00	0.50	DRLPRO	13	B	P	C/OUT ROTATING HEAD RUBBER
13:00 - 14:30	1.50	DRLPRO	02	A	P	DRLG F/11,129' TO 11,136' (7' @ 4.6fph) MW 12.7
14:30 - 15:00	0.50	DRLPRO	07	B	P	REPLACE WASHED SEATS #2 PUMP - C/OUT POPOFF #1 PUMP
15:00 - 16:30	1.50	DRLPRO	02	A	P	DRLG F/11,136' TO 11,139' (3' @ 2fph) MW 12.7
16:30 - 17:00	0.50	DRLPRO	04	C	P	CIRC - BUILD & PUMP SLUG
17:00 - 18:00	1.00	DRLPRO	05	A	P	TFNB - (PIPE STUCK @ 10,933' - CIRC W/GOOD RETURNS)
18:00 - 0:00	6.00	DRLPRO	16	B	P	WORK STUCK PIPE W/BIT @ 10,933' - MIX & SPOT PIPE LAX - WORK PIPE - NO MOVEMENT - MIX & SPOT DIESEL - WORK PIPE - NO MOVEMENT @ 00:00 HRS

4/25/2008 SUPERVISOR: KENT MOORE MD: 11,139

0:00 - 2:00	2.00	DRLPRO	16	B	S	WORK STUCK PIPE
2:00 - 7:00	5.00	DRLPRO	16	A	S	R/UP DCT WIRELINE - RUN FREE POINT - BIT STUCK @ 10,896'
7:00 - 15:00	8.00	DRLPRO	16	D	P	CIRC OUT DIESEL PILL - WELL FLOWING - WEIGHT UP MUD TO 13.1ppg - MUD @ 13.1ppg LOSSING CIRC @ 40 bbl PER HR
15:00 - 15:30	0.50	DRLPRO	05	A	P	WHILE CIRC PIPE CAME FREE - PUMP OUT OF HOLE F/10896' TO 10776'
15:30 - 19:30	4.00	DRLPRO	04	B	S	CHECK FLOW - WELL FLOWING - CIRC RAISE MW 13.2 - MIX LCM 4% - (LOST 300bbl MUD)
19:30 - 20:00	0.50	DRLPRO	04	B	S	SPOT 70bbl 14.0ppg PILL
20:00 - 21:00	1.00	DRLPRO	05	A	P	POOH TO 8790' - CHECK FLOW - NO FLOW
21:00 - 0:00	3.00	DRLPRO	05	A	P	POOH TO BHA

4/26/2008 SUPERVISOR: KENT MOORE MD: 11,147

0:00 - 7:00	7.00	DRLPRO	05	A	P	TFNB
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	7:00 - 19:30	12.50	DRLPRO	03	A	P	WASH F/10750' TO 11,139'
	19:30 - 0:00	4.50	DRLPRO	02	A	P	DRLG F/11,139' TO 11147' (8' @ 1.7fph) MW 13.8
4/27/2008	<u>SUPERVISOR:</u> KENT MOORE						<u>MD:</u> 11,161
	0:00 - 6:00	6.00	DRLPRO	02	A	P	DRLG F/11147' TO 11153' (6' @ 1fph) MW 13.5 - LOSSING CIRC - LET MW FALL TO CONTROL LOSSES - RAISE LCM IN PITS TO 20%
	6:00 - 6:30	0.50	DRLPRO	07	B	P	REMOVE DEBRIS F/UNDER VALVE #1 PUMP
	6:30 - 7:30	1.00	DRLPRO	03	E	P	WASH BACK TO BTM F/11140 TO 11553' - TIGHT HOLE
	7:30 - 10:30	3.00	DRLPRO	02	A	P	DRLG F/11,153' TO 11,161' (8' @ 2.6fph) MW 13.5 LCM 25%
	10:30 - 15:00	4.50	DRLPRO	04	B	P	CIRC RAISE MW 14.0 ppg 26% LCM - CHECK FLOW - WELL FLOWING SLIGHTLY
	15:00 - 21:00	6.00	DRLPRO	05	A	P	TFNB - PULL DRILL PIPE RUBBERS - CHECK FLOW @ 8790' 7" CSG SHOE - WELL NOT FLOWING - CONTINUE POOH
	21:00 - 23:30	2.50	DRLPRO	12	E	P	CHECKED FLOAT BIT SUB - OBSERVED BIT SUB WASHED IN FLOAT AREA - WAIT ON NEW BIT SUB
	23:30 - 0:00	0.50	DRLPRO	05	A	P	P/UP BIT SUB & BIT - RIH BHA
4/28/2008	<u>SUPERVISOR:</u> KENT MOORE						<u>MD:</u> 11,180
	0:00 - 2:30	2.50	DRLPRO	05	A	P	RIH ATTEMPT TO CIRC - BIT PLUGGED W/LCM
	2:30 - 7:00	4.50	DRLPRO	05	A	P	POOH F/PLUGGED BIT
	7:00 - 8:30	1.50	DRLPRO	05	A	P	CLEAN LCM F/BIT, BIT SUB & LOWER DRILL COLLAR
	8:30 - 12:30	4.00	DRLPRO	05	A	P	RIH - BREAK CIRC @ BHA, 5000'
	12:30 - 13:00	0.50	DRLPRO	08	E	P	CLEAN LCM FROM VALVES SEATS #1 & #2 PUMP
	13:00 - 13:00	0.00	DRLPRO	04	A	P	CIRC & COND - CIRC BTMMS UP @ 8790'
	15:30	2.50		05			RIH F/8790' TO 10,941'
	13:00	0.00		04			CIRC & COND - CIRC BTMMS UP @ 8790'
	15:30	2.50		05			RIH F/8790' TO 10,941'
	13:00	0.00		04			CIRC & COND - CIRC BTMMS UP @ 8790'
	15:30	2.50		05			RIH F/8790' TO 10,941'
	15:30 - 18:00	2.50	DRLPRO	03	E	P	WASH F/10,941' TO 11,161'

Wins No.: 94875		NBU 920-14N						API No.: 4304737754
15:30 - 18:00		2.50	DRLPRO	03	E	P	WASH F/10,941' TO 11,161'	
18:00 - 0:00		6.00	DRLPRO	02	A	P	DRLG F/11,161' TO 11,180' (19' @ 3.2fph) MW 14.0 - LCM 28%	
4/29/2008	SUPERVISOR: KENT MOORE							MD: 11,202
0:00 - 6:00		6.00	DRLPRO	02	A	P	DRLG F/11,180' TO 11,202' (22' @ 3.7fph) MW 14.0 LCM 28%	
6:00 - 7:00		1.00	DRLPRO	04	C	P	BUILD & PUMP SLUG - FLOW CHECK	
7:00 - 13:00		6.00	DRLPRO	05	A	P	TFNB	
13:00 - 14:30		1.50	DRLPRO	06	D	P	CUT D/LINE	
14:30 - 17:00		2.50	DRLPRO	05	A	P	STRAP & P/UP 11 X 4.75 DRILL COLLARS - RIH BHA - BREAK CIRC	
17:00 - 20:00		3.00	DRLPRO	05	A	P	RIH DP TO 8790' - BREAK CIRC @ 50000'	
20:00 - 20:30		0.50	DRLPRO	05	A	P	L/DN 15 JTS DRILL PIPE	
20:30 - 21:00		0.50	DRLPRO	04	A	P	BREAK CIRC @ 8790'	
21:00 - 22:00		1.00	DRLPRO	05	A	P	RIH F/8790' TO 10,995'	
22:00 - 0:00		2.00	DRLPRO	03	D	P	WASH F/10,995' TO 11,134'	
4/30/2008	SUPERVISOR: KENT MOORE							MD: 11,307
0:00 - 1:00		1.00	DRLPRO	03	E	P	WASH F/11,134' TO 11,202'	
1:00 - 15:30		14.50	DRLPRO	02	A	P	DRLG F/11,202' TO 11,278' (76' @ 4.9fph) MW 14.1+ LCM 28%	
15:30 - 18:00		2.50	DRLPRO	04	D	P	CIRC BUILD VOLUME - LOWER MW TO 13.8+ W/30 % LCM - LOSING MUD - LOST 300+ BBLS - (RECEIVED 260 BBLS 13.8ppg MUD F/RIG 83)	
18:00 - 18:30		0.50	DRLPRO	02	A	P	DRLG F/11,278' TO 11,283' (5') MW 13.8+ LCM 30%	
18:30 - 19:00		0.50	DRLPRO	08	E	P	CLEAN LCM F/VALES/SEATS BOTH PUMPS	
19:00 - 0:00		5.00	DRLPRO	02	A	P	DRLG F/11,283' TO 11,307' (24' @ 4.8fph) MW 13.8+ - LCM 30%	
5/1/2008	SUPERVISOR: KENT MOORE							MD: 11,360

Wins No.: 94875		NBU 920-14N					API No.: 4304737754	
	0:00 - 3:00	3.00	DRLPRO	02	A	P	DRLG F/11,307' TO 11,325' (18' @ 6fph) MW 13.8+ - 29% LCM	
	3:00 - 3:30	0.50	DRLPRO	08	E	P	CLEAN LCM F/VALVES/SEATS #2 PUMP - REPLACE VALVE GUIDES #1 PUMP	
	3:30 - 11:00	7.50	DRLPRO	02	A	P	DRLG F/11,325' TO 11,351' (26' @ 3.5fph) MW 13.9 - LCM 28%	
	11:00 - 21:30	10.50	DRLPRO	05	A	P	TFNB - (TIGHT ON TOH @ 11,202,10,993', & 10,291') - (TIGHT ON TIH 10,848') - WASH 24' TO BTM - NO FILL	
	21:30 - 0:00	2.50	DRLPRO	02	A	P	DRLG F/11,351' TO 11,360' (9' @ 3.6fph) MW 13.9 29% LCM	
5/2/2008	SUPERVISOR: KENT MOORE						MD: 11,444	
	0:00 - 11:30	11.50	DRLPRO	02	A	P	DRLG F/11,360' TO 11,408' (48' @ 4.2fph) MW 13.8+ 25% LCM	
	11:30 - 12:00	0.50	DRLPRO	06	A	P	RIG SER	
	12:00 - 0:00	12.00	DRLPRO	02	A	P	DRLG F/11,408' TO 11,444' (36' @ 3fph) MW 13.8 - 25% LCM	
5/3/2008	SUPERVISOR: KENT MOORE						MD: 11,494	
	0:00 - 8:00	8.00	DRLPRO	02	A	P	DRLG F/11,444' TO 11,468' (24' @ 3.0 fph) MW 13.8 - 25% LCM	
	8:00 - 19:00	11.00	DRLPRO	05	A	P	TFNB - (NO PROBLEMS) - WASH F/11,429' TO 11,468' - NO FILL	
	19:00 - 0:00	5.00	DRLPRO	02	A	P	DRLG F/11,468' TO 11,494' (26' @ 5.2fph) MW 13.8 - LCM 20%	
5/4/2008	SUPERVISOR: KENT MOORE						MD: 11,595	
	0:00 - 16:30	16.50	DRLPRO	02	A	P	DRLG F/11,494' TO 11,565' (71' @ 4.3fph) MW 13.8 LCM 20%	
	16:30 - 17:00	0.50	DRLPRO	07	B	P	REPLACE VALVE SEAT #1 PUMP - REPLACE POPOFF #2 PUMP	
	17:00 - 18:00	1.00	DRLPRO	02	A	P	DRLG F/11,565' TO 11,567'	
	18:00 - 18:30	0.50	DRLPRO	06	A	P	RIG SER	
	18:30 - 0:00	5.50	DRLPRO	02	A	P	DRLG F/11,567' TO 11,595' (28' @ 5.0fph) MW 13.8 - LCM 20%	
5/5/2008	SUPERVISOR: KENT MOORE						MD: 11,653	
	0:00 - 9:00	9.00	DRLPRO	02	A	P	DRLG F/11,595' TO 11,629' (34' @ V3.7fph) MW 13.8 - 20% LCM	
	9:00 - 18:00	9.00	DRLPRO	05	A	P	TFNB - BRK CIRC BHA, 5000' & 8790'	

Wins No.: 94875

NBU 920-14N

API No.: 4304737754

9:00 - 18:00	9.00	DRLPRO	05	A	P	TFNB - BRK CIRC BHA, 5000' & 8790'
18:00 - 19:30	1.50	DRLPRO	06	D	P	CUT DRILL LINE
19:30 - 21:30	2.00	DRLPRO	05	A	P	CONT RIH F/8790 TO 11,611' - WASH F/11,611' TO 11,629' - NO FILL
21:30 - 0:00	2.50	DRLPRO	02	A	P	DRLG F/11,629' TO 11,653' (24' @ 9.6fph) MW 13.8 - 18% LCM

5/6/2008

SUPERVISOR: STUART NEILSON

MD: 11,700

0:00 - 7:00	7.00	DRLPRO	02	B	P	DRLG F/ 11,653 TO 11,700 47' @ 6.7' PH W/ 13.8 PPG - 52 VIS - 18% LCM
7:00 - 9:00	2.00	DRLPRO	04	C	P	CIRC & COND MUD B/U
9:00 - 11:00	2.00	DRLPRO	05	E	P	SHORT TRIP 30 STDS TO SHOE
11:00 - 11:30	0.50	DRLPRO	04	C	P	CIRC B/U
11:30 - 12:30	1.00	DRLPRO	07	B	Z	WORK ON PUMPS
12:30 - 13:30	1.00	DRLPRO	04	C	P	CIR B/U
13:30 - 19:00	5.50	DRLPRO	05	B	P	POOH F/ LOGS SLM - 11,702.19
19:00 - 0:00	5.00	DRLPRO	10	C	P	HPJSM W/ RIG & LOGGING CREWS, R/U & LOG F/ LOGGERS DEPTH OF 11703.5, RUN DIPOLE SONIC (XMAC) & WTS - 2-RUNS

5/7/2008

SUPERVISOR: STUART NEILSON

MD: 11,700

0:00 - 4:00	4.00	DRLPRO	10	C	P	OPEN HOLE LOG F/ 11,703.5
4:00 - 10:00	6.00	DRLPRO	05	E	P	TIH
10:00 - 12:00	2.00	DRLPRO	04	C	P	CIRC B/U
12:00 - 16:30	4.50	DRLPRO	05	E	P	POOH TO RUN LINER
16:30 - 0:00	7.50	DRLPRO	11	B	P	HPJSM W/ RIG & CASING CREWS, P/U 4 1/2" LINER, P/U LINER HANGER, TIH W/ D/P

5/8/2008

SUPERVISOR: STUART NEILSON

MD: 11,700

0:00 - 4:30	4.50	DRLPRO	11	B	P	TIH W/ 4 1/2" LINER
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9/8/2008

1:53:53PM

15

Wins No.: 94875

NBU 920-14N

API No.: 4304737754

0:00 - 4:30	4.50	DRLPRO	11	B	P	TIH W/ 4 1/2" LINER
4:30 - 7:00	2.50	DRLPRO	04	E	P	CIRC CASING, NO FILL, DISPLACE HOLE W/ CLEAN MUD
7:00 - 10:00	3.00	DRLPRO	15	A	P	HPJSM W/ RIG & CEMENT CREWS, PSI TEST LINES TO 4000, START ULTRA FLUSH-25 BBLS @ 14.3 PPG, 2 BBLS F/W SPACER-8.3PPG, 350 SKS-CMT-15.6 PPG-1.18 YLD, DROP PLUG, DISPLACE W/ 112 BBLS RIIG MUD-1 BPM RETURNS TO PIT, 63 BBLS PUMPED PLUG HIT 2500 PSI, TRIPED LINER LATCH CONTINUE DISPLACEMENT W/ 1/4 BPM RETURNS, BUMPED PLUG @ 1550 PSI (DIFF PSI 730) FLOAT HELD W/ .5 BBLS BACK TO TRUCK
10:00 - 11:00	1.00	DRLPRO	04	E	P	R/U & REVERSE CIRC @ 4 BPM W/ NO SIGN OF CEMENT TO PIT, 200+ BBLS MUD PUMPED
11:00 - 0:00	13.00	DRLPRO	05	K	P	HPJSM W/ RIG & L/D CREWS/ R/U & LDDP, L/D HANGER TOOLS, TIH 20 STDS DP & BHA, LDDP, BREAK KELLY & VALVES, L/D BHA, PULL WEAR BUSHING, R/D L/D CREW

5/9/2008

SUPERVISOR: STUART NEILSON

MD: 11,700

0:00 - 3:00	3.00	DRLPRO	01	E	P	N/D, CLEAN PITS RELEASE RIG @ 03:00
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Wins No.: 94875		NBU 920-14N				API No.: 4304737754	
EVENT INFORMATION:		EVENT ACTIVITY: COMPLETION		START DATE: 5/19/2008		AFE NO.: 2012332	
		OBJECTIVE: DEVELOPMENT		END DATE: 7/16/2008			
		OBJECTIVE 2: ORIGINAL		DATE WELL STARTED PROD.:			
		REASON: BLACKHAWK		Event End Status: COMPLETE			
RIG OPERATIONS:		Begin Mobilization	Rig On Location	Rig Charges	Rig Operation Start	Finish Drilling	Rig Release
LEED 733 / 733		06/13/2008	06/13/2008	06/13/2008	06/13/2008		
Date	Time Start-End	Duration (hr)	Phase	Code	Subcode	P/U	Operation
5/19/2008	SUPERVISOR: CLAUD SIMS						MD:
	8:00 - 17:00	9.00	COMP	30	A	P	ROAD RIG FROM VERNAL TO LOC, HOLD SAFETY MEETING W/ RIG CREW, FIX CELLAR AROUND WELL HEAD, MIRU SERVICE UNIT W SPOT EQUIP ON LOC, SDFN.
5/20/2008	SUPERVISOR: CLAUD SIMS						MD:
	7:00 - 10:00	3.00	COMP	30	F	P	JSA/ SAFETY MEETING #2, NIPPLE UP BOP TALLY TUBING, PREPARE TO PUTBG.
	10:00 - 13:30	3.50	COMP	31	I	P	PU 6 1/8 BIT TIH W 2 3/8 TBG. TIH TO 2000' RIGED UP PUMP. PUMP WAS DOWN. WAITED ON PARTS. CIRCULATED MUD TO SURFACE.
	13:30 - 15:00	1.50	COMP	31	I	P	TIH TO 3112' CIRCULATE MUD TO SURFACE.
	15:00 - 16:00	1.00	COMP	31	I	P	TIH-4161' CIRCULATE MUD TO SURFACE
	16:00 - 17:15	1.25	COMP	31	I	P	TIH TO 5179' CIRCULATE MUD TO SURFACE
	17:15 - 18:30	1.25	COMP	31	I	P	PU REST OF TUBING ON TRAILER. TIH AND STAND BACK 20 STANDS. SIW SDFN
5/21/2008	SUPERVISOR: CLAUD SIMS						MD:
	7:00 - 7:30	0.50	COMP	31	I	P	JSA SAFETY MEETING #3. SWAP OUT TUBING TRAILERS, 200 PSI ON WELL, BLEEDDN TO PIT
	7:30 - 9:00	1.50	COMP	31	I	P	TIH 10 STANDS. CIRCULATED DRLG MUD TO SFC
	9:00 - 10:30	1.50	COMP	31	I	P	TIH 10 STANDS. CIRCULATED DRLG MUD TO SFC FROM 6235' STRONG GAS FLOW AFTER CIRCULATION
	10:30 - 11:30	1.00	COMP	31	I	P	TIH TO 6860' CIRCULATE DRLG MUD TO SFC STRONG GAS SHOW AFTER CIRCULATION
	11:30 - 12:15	0.75	COMP	31	I	P	TIH TO 7489' CIRCULATE DRLG MUD TO SFC
	12:15 - 14:00	1.75	COMP	31	I	P	TIH TO 7988' CIRCULATE DRLG MUD TO SFC. DRLG MUD REALLY LIGHT
	14:00 - 15:30	1.50	COMP	31	I	P	TIH TO LINER TOP CIRCULATE DRLG MUD TO SURFACE. MUD WAS LIGHT. TAGGED LINER @ 8506' CIRCULATED MUD TO SURFACE
	15:30 - 17:30	2.00	COMP	31	I	P	TOOH LEFT 20 STANDS IN HOLE. WELL WAS FLOWING UP BACKSIDE WHILE TRIPPING. SIW SDFN
5/22/2008	SUPERVISOR: CLAUD SIMS						MD:
	7:00 - 14:00	7.00	COMP	31	I	P	JSA SAFETY MEETING.#4 WELL HAD 700 PSI BLEW DN TO PIT. PUMPED 20 BBLS DOWN TUBING. STARTED TOOH. WELL STARTED FLOWING UP CASING. ORDERED 100 BBLS #10 BRINE. CONTINUED PUMPING BRINE AND TRIPPING. CHANGED TO 3 7/8 BIT. TIH AND PUMPING BRINE.
	14:00 - 16:00	2.00	COMP	31	I	P	TIH TO 9350"AND CIRCULATED DRILLING MUD tSURFACE.

Wins No.: 94875		NBU 920-14N				API No.: 4304737754	
	16:00 - 17:30	1.50	COMP		P	TIH TO 10,351 CIRCULATE DRLG MUD TO SURFACE	
	17:30 - 19:00	1.50	COMP	31	I	P	TIH TAGGED UP @11485 STOOD BACK 18 STANDS. SIW. SDFN
5/23/2008	<u>SUPERVISOR:</u> CLAUD SIMS						<u>MD:</u>
	7:00 - 7:30	0.50	COMP	48		P	JSA-SAFETY MEETING # 5
	7:30 - 9:30	2.00	COMP	31	H	P	50 # ON TBG, 750 # ON CSG, BLEED WELL DN TO PIT, TIH TO @ 11,485', RU/ POWER SWIVEL, BROKE CIRC DN CSG OUT TBG, CIRC DRLG MUD OUT, MUD PUMP BROKE DN.
	9:30 - 14:00	4.50	COMP	48	E	Z	SHUT DN WAIT ON NEW MUD PUMP
	14:00 - 16:30	2.50	COMP	44	D	P	BROKE CIRC, DRLG/ WASH OUT FILL FROM 11,485' TO 11,612' PBTD, CIRC WELL CLEAN.
	16:30 - 18:00	1.50	COMP	31	I	P	RD/ POWER SWIVEL. TOO H TO LINER TOP @ 8500', PRESSURE TEST CSG TO @ 2,000# HOLD FOR 15 MIN W/ NO LEAK OFF, BLEED PRESSURE OFF. SWI, SDFWE
5/27/2008	<u>SUPERVISOR:</u> CLAUD SIMS						<u>MD:</u>
	7:00 - 7:30	0.50	COMP	48		P	JSA-SAFETY MEETING #6
	7:30 - 13:00	5.50	COMP	31	I	P	1800# ON WELL, TOO H W/ 2-38" TBG TO 3500', CIRC WELL W/ KILLING WELL, TOO H TO SFC LAY DN BIT & SUB.
	13:00 - 18:30	5.50	COMP	41	A	P	RU/ CUTTER WIRELINE, RU/LUBRICATOR RIH W/ CBL TOOLS, RUN CBL LOG FROM SFC TO 8506' IN 7" CSG, DROP INTO 4-1/2" CSG, SHOWED LINER TOP POSSIBLE LEAK, RIH TO PBTD 11'612', LOG OUT OF HOLE W/ CEMENT TOP IN 4-1/2" CSG @ 8768', LINER TOP @ 8508', LOST ALL SINGAL IN 7" CSG, LINER TOP LEAKING, PULLED OUT, LAY WIRE LINE DN. 800# ON WELL BLEED GAS OFF, FILLED CSG W/WTR PRESSURE UP TO @ 2'000# ON CSG SHUT WELL IN, SDFN
5/28/2008	<u>SUPERVISOR:</u> WILL GLEAVE						<u>MD:</u>
	7:00 - 10:30	3.50	COMP	41	A	P	2000 PSI ON WELL. RU CUTTER WIRELINE. FOUND SHORT IN CABLE @ APPROX 9000' ON CABLE. RD WIRELINE AND CHANGE OUT WIRELINE TRUCKS.
	10:30 - 15:00	4.50	COMP	41	A	P	RU WIRELINE RIH WITH CBL TOOLS RUN CBL ON 4 1/2 & 7 " CASING WITH 2000 PSI. LINER TOP POSSIBLE LEAK
	15:00 - 16:00	1.00	COMP	30		P	BLEED GAS OFF OF WELL. FILLED CSG WITH 2% PRESSURE UP TO 1000 PSI SWI SDFN
5/29/2008	<u>SUPERVISOR:</u> WILL GLEAVE						<u>MD:</u>
	7:00 - 7:30	0.50	COMP	33	C	P	JSA SAFETY MEETING #8
	7:30 - 13:00	5.50	COMP	33	C	P	#1800 ON WELL RU STINGER TESTERS. ESTABLISHED INJECTION RATE #2900 @ 1/2 BBL/MIN. RD TESTERS, BLEW DOWN WELL
	13:00 - 14:00	1.00	COMP	31	I	P	PU WEATHERFORD 4 1/2 HD PACKER. TIH- 2500' CHANGE IN PLAN. TOO H LAY DOWN PACKER.
	14:00 - 17:00	3.00	COMP	31	I	P	PU 3 7/8 BIT TIH WITH 2 3/8 TBG. TAG FILL @ 11,612, PULLED 2 STANDS, SIW SDFN
5/30/2008	<u>SUPERVISOR:</u> WILL GLEAVE						<u>MD:</u>
	7:00 - 7:30	0.50	COMP	31	I	P	JSA SAFETY MEETING #9. 1800 PSI ON WELL. TIH TAG FILL RU SWIVEL.
	7:30 - 9:30	2.00	COMP	44	A	P	MILLING OUT FILL TO 11,654' CIRC HOLE CLEAN

Wins No.: 94875		NBU 920-14N				API No.: 4304737754	
	7:30 - 9:30	2.00	COMP	44	A	P	MILLING OUT FILL TO 11,654' CIRC HOLE CLEAN
	9:30 - 16:30	7.00	COMP	31	I	P	PU 4 1/2 HD PKR & TIH TO 8579'. SET PKR HANG OFF TUBING.
	9:30	0.00					RD SWIVEL TOOHW W/ 3 7/8 BIT
	16:30	7.00					PU 4 1/2 HD PKR & TIH TO 8579'. SET PKR HANG OFF TUBING.
	9:30	0.00					RD SWIVEL TOOHW W/ 3 7/8 BIT
	16:30 - 17:30	1.00	COMP	30		P	ND BOPS NU TREE
	17:30 - 20:00	2.50	COMP	33	C	P	PRESSURE TEST TUBING, PKR, & CSG PKR LEAKED. ND TREE, RE-SET PKR. PRESSURE TEST TBG, PKR & CSG TO 6000 PSI POSSIBLE PKR OR CSG LEAK
5/31/2008	SUPERVISOR: WILL GLEAVE						MD:
	6:30 - 7:30	1.00	COMP	30	F	P	JSA SAFETY MEETING #10. NU BOPS. 1800 PSI ON WELL
	7:30 - 10:00	2.50	COMP	31	I	P	PU 5 JTS TUBING. RE-SET PKR @ 8738'. PKR LEAKED. TOOHW.
	10:00 - 15:00	5.00	COMP	31	I	P	CHANGED OUT PKR. TIH W/ NEW LOCK SET PKR. HAD TROUBLE SETTING PKR. SET PKR & ND BOPS
	15:00 - 16:00	1.00	COMP	33	C	P	PRESSURE TEST CSG, TBG & PKR TO 9000PSI
	16:00 - 18:30	2.50	COMP	37	B	P	RU CUTTERS WIRELINE. PERF CSG @ 11,502-08 4 SHOT / FT 0 DEG PHASING 3.2 g .020 HOLE, 10.91" PENETRATION. RD CUTTERS WIRELINE.
	18:30 - 19:30	1.00	COMP	35	E	P	RU DELSCO WIRELINE. RIH W/ D-FIT EQUIPMENT. SET @ 11,480'
	19:30 - 21:00	1.50	COMP	36		P	RU SUPERIOR WELL SERVICES. STARTED PUMPING, SAW BREAK @ 3400 PSI. PUMPED 783.5 GALS @ 3195 PSI. PUMP TRUCK BROKE DOWN @ 783.5 GALS. RIG DOWN SUPERIOR WELL SERVICES. SWI SDFWE
6/3/2008	SUPERVISOR: WILL GLEAVE						MD:
	6:30 - 7:30	1.00	COMP	35	E	P	JSA SAFETY MEETING # 11. TOH W/ D-FIT EQUIP.
	7:30 - 11:30	4.00	COMP	30	C	P	DRAIN TANKS. RDMO
6/14/2008	SUPERVISOR: CLAUD SIMS						MD:
	7:00 - 7:30	0.50	COMP	48		P	JSA-SAFETY MEETING #2, DAY 2
	7:30 - 11:30	4.00	COMP	34	B	P	2800 PSI ON WELL, BLOWED DN TO PIT, RU/ CUTTER WIRELINE, RIH W/ BAKER 10K CBP, SET CBP @ 8580', RIH W/WEATHERFORD CIRC, SET CIRC @ 8450', RD/ WIRELINE.
	11:30 - 19:00	7.50	COMP	31		P	PU/ CIRC STINGER, TIH W/ 2-3/8" TBG, STUNG INTO CIRC @ 8450', PULLED BACK OUT SPACE OUT W/ TBG PUP, CIRC 7" CSG W/ 2% KCL WTR, STUNG BACK INTO CIRC W/ HAVEING TROUBLE GETTING PRESSURE TESTED, RESPACE OUT TBG, TRY TO GET A PUMP IN RATE DN TBG INTO LINER TOP W/ PRESSURE UP TO 5000 PSI, STUNG BACK OUT OF CIRC, STUNG BACK INTO CIRC, BLEED TBG DN W/ UNLOADING @ 30 BBL WATER, PUMP 27 BBL DN TBG W/ PSI COMING UP TO 1000#, PULLED OUT OF CIRC, LAY DN PUMP JTS, SHUT WELL IN, SDFWE.
6/16/2008	SUPERVISOR: CLAUD SIMS						MD:
	7:00 - 7:30	0.50	COMP	48		P	JSA-SAFETY MEETING #3, DAY 3
	7:30 - 10:00	2.50	COMP	31	I	P	750 # ON WELL BLEED DN TO PIT, TOOHW 2-3/8" TBG, LAY DN STINGER, STINGER LOOK GOOD,

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	10:00 - 10:00	0.00	COMP	31	I	P	PU/ NEW STINGER TIH W/ 2-3/8" TBG, STUNG INTO CICR @ 8450', RU/ BIG 4 CEMENTING, PRESSURE TEST LINE TO 5000#, PUMP DN TBG W/ PRESSURE UP TO 4000# W/ STARTING TO PUMP INTO LINER TOP, PUMP 1 BBL PRESSURE UP TO 5000#, SHUT PUMP DN, PRESSURE DROP BACK TO 3800#, BLOWED TBG TO PIT, PUMP DN TBG W/ PUMPING 23 BBL WTR, STARTED PRESSUR UP, PUMP TOTAL 28.5 BBL W/ PRESSURE 4500#, BLEED WELL DN W/ UNLOADING TBG VOLUME, UNSTUNG FROM CICR, MIX & SPOTTED 50 SK CEMENT 10.2 BBL DN END OF TBG, STUNG INTO RETAINER, PUMP @ 3 BBLs OF CEMENT BEFORE LOCKING UP AT 5000#, UNSTUNG FROM RETAINER, REVERSE OUT W GETTING @ 8 BBL CEMENT BACK (@ 2.2 BBLs BELOW RETAINER), RD/ CEMENTER, TOOH W/ 2-3/8" TBG. SWISDFN.
6/17/2008	SUPERVISOR: CLAUD SIMS						MD:
	7:00 - 7:30	0.50	COMP	48		P	JSA-SAFETY MEETING #4, DAY 4
	7:30 - 13:00	5.50	COMP	31	I	P	NO PRESSURE ON WELL, TOOH W/2-3/8" TBG, LAY DN STINGER. PU/ 6-1/8" BIT & 4 DRILL COLLERS, TIH W/ 2-3/8" TBG TO @ 8440'.
	13:00 - 15:00	2.00	COMP	44	B	P	PU/ POWER SWIVEL, AIR LINE ON SWIVEL BROKE, WAIT ON PARTS,
	15:00 - 20:00	5.00	COMP	44	B	P	BROKE CIRC DN CSG UP TBG, TAG RETAINER @ 8450', MILLED UP RETAINER IN 45 MIN, CIRC WELL W/ GETTING GAS BACK, TIH W/ DRILLING UP CEMENT STRINGER TO TOP OF LINER TOP, CIRC WELL CLEAN W/ GETTING GAS BACK, SHUT TBG IN, PRESSURE TST CSG W/ PRESSURE UP TO 4000# W/ NO PUMP IN OR BLEED OFF, BLEED WELL DN. RD/ POWER SWIVEL, PULLED OUT LAY DN 2 JTS, SWISDFN.
6/18/2008	SUPERVISOR: CLAUD SIMS						MD:
	7:00 - 7:30	0.50	COMP	48		P	JSA-SAFETY MEETING #5, DAY 5
	7:30 - 10:00	2.50	COMP	31	I	P	1800 # ON WELL, BLOWED DN TO PIT, PUMP 30 BBLs 2% KCL WTR DN TBG, TOOH W/ 2-3/8" TBG & DC W/ 6-1/8" BIT, LAY DN BIT.
	10:00 - 12:00	2.00	COMP	30	E	P	BLOW WELL DOWN
	12:00 - 15:00	3.00	COMP	31	I	P	PU/ 3-7/8" BIT TIH TAG LINER TOP @ 8505',
	15:00 - 17:30	2.50	COMP	31	I	P	WORK W/ BIT AND TBG TRY TO GET INSIDE OF LINER, POSSIBLE CICR STILL THERE, TOOH W/TBG TO @ 4000', SWISDFN.
6/19/2008	SUPERVISOR: CLAUD SIMS						MD:
	7:00 - 7:30	0.50	COMP	48		P	JSA-SAFETY MEETING #6, DAY 6.
	7:30 - 12:00	4.50	COMP	31	I	P	400 # ON WELL, BLOWED DN TO PIT, TOOH W/ 2-3/8" TBG, LAY DN 3-7/8" BIT, PU/ 6-1/8" BIT, TIH W/ 2-3/8" TBG, TAG @ 8505',
	12:00 - 17:00	5.00	COMP	44	B	P	RU/POWER SWIVEL,BROKE CIRC DN CSG UP TBG, DRILL ON CICR, DRILL @ 10" OFF TO TOP OF LINER, CORC WELL CLEAN.
	17:00 - 18:00	1.00	COMP	31	I	P	RD/ POWER SWIVEL, TOOH 15 STANDS, SWISDFN.
6/20/2008	SUPERVISOR: CLAUD SIMS						MD:
	7:00 - 7:30	0.50	COMP	48		P	JSA-SAFETY MEETING #7, DAY 7
	7:30 - 10:00	2.50	COMP	31	I	P	100 # ON WELL, TOOH W/ 2-3/8" TBG, DRILL COLLER & BIT, LAY DN 6-1/8" BIT,

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	10:00 - 12:30	2.50	COMP	31	I	P	PU/ 4-1/8" BIT TIH W/ DC & TBG @8505' LINER TOP,
	12:30 - 16:00	3.50	COMP	44	B	P	RU/ POWER SWIVEL, TRY WORK INSIDE OF LINER TOP, BROKE CIRC DN CSG UP TBG, DRILL DN INTO LINER, DROP 10', DRILL DN THRU LINER HANGER, DROP DN 10' TO X-OVER ON 4-1/2" CSG, CIRC WELL CLEAN. RD/ POWER SWIVEL.
	16:00 - 17:30	1.50	COMP	31	I	P	TOOH W/ 2-3/8" TBG TO @ 4000', SWISDFWE.
6/23/2008	SUPERVISOR: CLAUD SIMS						MD:
	7:00 - 7:30	0.50	COMP	48		P	JSA-SAFETY MEETING # 8, DAY # 8
	7:30 - 9:00	1.50	COMP	31	I	P	1000# ON CSG, 100# ON TBG, BLOWED DN TO PIT, TOO H W/ 4-1/8" BIT,
	9:00 - 11:30	2.50	COMP	31	I	P	PU/3-7/8" BIT TIH W/ 2-3/8" TBG, TAG BOTTOM LINER HANGER @ 8525',
	11:30 - 14:00	2.50	COMP	44	B	P	RU/ POWER SWIVEL, BROKE CIRC DN CSG OUT TBG, DRILL UP REST OF RETAINER DROP INTO 4-1/2" CSG, TIH TAG CBP 8580', CIRC WELL CLEAN, RD/POWER SWIVEL.
	14:00 - 18:30	4.50	COMP	31	I	P	TOOH W/ 2-3/8" TBG,LAYED DN 3-7/8"BIT, STOOD DC BACK, PU/ WEATHERFORD LINER HANGER DRESSING TOOL, TIH W/ 30 STANDS 2-3/8" TBG @ 2000'. SWISDFN.
6/24/2008	SUPERVISOR: CLAUD SIMS						MD:
	7:00 - 7:30	0.50	COMP	48		P	JSA-SAFETY MEETING #9, DAY 9
	7:30 - 9:00	1.50	COMP	31	I	P	50 # ON WELL , BLOWED DN TO PIT, TIH W/ 2-3/8" TBG, TAG LINER @ 8505',
	9:00 - 11:00	2.00	COMP	44		P	RU/POWER SWIVEL, BROKE CIRC, DRESS OFF THE INSIDE OF LINER HANGER, CIRC CLEAN RD/ POWER SWIVEL
	11:00 - 13:00	2.00	COMP	31	I	P	TOOH W/ 2-3/8" TBG, LAY DN DRESS TOOL.
	13:00 - 17:30	4.50	COMP	30	F	P	CHANGE OUT PIPE RAMS TO 4-1/2" RAMS, RU/ WEATHERFORD CSG CREW & EQUIP TO RUN 4-1/2" PH-6 FRAC STRING,
	17:30 - 19:30	2.00	COMP	31	I	P	PU/ WEATHERFORD SEAL ASSY, TIH W/ 4-1/2" PH-6 15.5# FRAC STRING, RIH 35 JTS, SWISD.
6/25/2008	SUPERVISOR: CLAUD SIMS						MD:
	7:00 - 7:30	0.50	COMP	48		P	JSA-SAFETY MEETING #10 DAY 10
	7:30 - 16:00	8.50	COMP	31	I	P	NO PRESSURE ON WELL, PU/ 4-1/2" PH-6 TBG, TIH @ 8505', STUNG INTO LINER TOP, SPACED OUT W/ PUP JTS, LANDED 4-1/2" TBG IN WELL HEAD W 60 SET DN,
	16:00 - 18:30	2.50	COMP	33		P	RU/ BC QUICK TEST TO BOPS, PRESSURE TEST 4-1/2' CSG TO 9000# W/ BLEED OFF 300 # IN 10 MIN, BLEEDDN, TIE UP BBOP AND LOCKING NUTS ON WELL, RETEST TO 9000# W/ 100 LBS IN 30 MIN. OK, RD TESTER AND WEATHERFORD CSG CREW, CHANGE OUT PIPE RAM TO 2-3/8", RU/ TO RUN TBG, SDFN
6/26/2008	SUPERVISOR: CLAUD SIMS						MD:
	7:00 - 7:30	0.50	COMP	48		P	JSA-SAFETY MEETING #11, DAY 11
	7:30 - 9:30	2.00	COMP	31	I	P	PU/ 3-5/8" BIT TIH W/ DC & 2-3/8" TBG, TAG @ 8575',
	9:30 - 13:00	3.50	COMP	44	C	P	RU/ POWER SWIVEL, BROKE CIRC DN CSG UP TBG, BIT KEEP PLUGGING OFF, CIRC CLEAN, CIRC DN TBG OUT CSG, DRILL UP BAKER 10K CBP IN 30 MIN, CIRC WELL,

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9:30 - 13:00	3.50	COMP	44	C	P	RU/ POWER SWIVEL, BROKE CIRC DN CSG UP TBG, BIT KEEP PLUGING OFF, CIRC CLEAN, CIRC DN TBG OUT CSG, DRILL UP BAKER 10K CBP IN 30 MIN, CIRC WELL,	
13:00 - 16:30	3.50	COMP	31	I	P	TIH W/ TBG TAG @ 11620', RU/POWER SWIVEL, BROKE CIRC, WASH OUT FILL FROM 11,620' TO 11,635', CIRC WELL CLEAN W/ 2% KCL WTR.	
16:30 - 16:30	0.00	COMP	31	I	P	RD/POWER SWIVEL, PULLED LAY DN 66 JTS ON RACK W/ TBG COLLERD HANGING UP POSSABLE ON SEAL ASSY ENTRY GUIDE. TOOH W/ 2-3/8" TBG, STOOD BACK DC. SHUT WELL IN. SD.	
6/27/2008	SUPERVISOR: CLAUD SIMS					MD:	
-		COMP					
7:00 - 7:30	0.50	COMP	48		P	JSA-SAFETY MEETING #12, DAY 12	
7:30 - 18:30	11.00	COMP	30	F	P	<p>1000# ON WELL, BLOWED DN TO PIT, ND/ BOPS, NU/ FRAC VALVE, HOOK UP BLOW DN LINE, RU/ CUTTER WIRE LINE, RIH W/ PERF GUNS AND PERF THE BLACKHAWK @ 11,590 TO 11,598' 2 SPF, 11,520' TO 11,522' 3 SPF, AND 11,502' TO 11,506' 3 SPF, USING 3-3/8" EXP GUNS, 23 gm, 0.36 HOLE, 90° PHS, 34 HOLES, MIRU B.J. PMP SVC. HSM, PSI TST LINES TO 9000# (HELD). WAIT ON SCALE INHIB OUT OF VERNAL (2 HRS). BEG TO FRAC</p> <p>STG 1: OPEN WELL 312# PSI, PSI UP CSG ANN. TO 2500#. BRK PERF'S DWN @ 4260# @ 4.7 BPM, ISIP 3683#, FG .75, EST INJ RT @ 19.1 BPM @ 5407#, W/ 100 BBLS. 10/34 HOLES OPEN. 29%. PMP 170 BBLS 20# LINEAR GEL @ 19 BPM @ 5648#. DROP RT TO 17.3 BPM @ 5488#, DROP RT TO 12.6 BPM @ 4975#, DROP RT TO 3.8 BPM @ 4264#, SD ISIP 4099#, FG .79, 5 MIN 3990#, 10 MIN 3937#, 15 MIN 3899#.</p> <p>RE START PAD W/ 20# X-LINK GEL. PMP 50 BBLS BEG 1/4# PPG BOXITE W/ 500#. STOP SAND, & CONT W/ PAD. FRAC STG AS PER DESIGN W/ 99639# BOXITE, MP 5204#, MR 19.9 BPM, AP 4506#, AR 19.8 BPM. ISIP 4697#, FG .84, NPI 1014#. TOT CL FL 1568 BBLS.</p> <p>5 MIN 4366# 10 MIN 4109# 15 MIN 3949#</p> <p>STG 2: P/U 4 1/2" BAKER 10k CBP & 3 3/8" EXP PERF GUNS LOADED W/ 23 GM CHARGES. 2 SPF, 180 DEG PHASING & RIH. SET CBP @ 11424', P/U F/ 11384' - 94' (20 HOLES), P/U SHOOT F/ 11311' - 16' (10 HOLES), POOH, WAIT ON B.J. TO DELIVER PROPANT.</p>	
6/28/2008	SUPERVISOR: CLAUD SIMS					MD:	
7:00 - 7:30	0.50	COMP	48		P	JSA-SAFETY MEETING #13, DAY 13	

	7:30 - 17:00	9.50	COMP	36	B	P	RU/ BJ FRAC CREW TO WELL, PRESSURE TESTED LINES TO 9000#, WHP 2163#, ANNULAR CSG 2500#, BRK DN PERF @ 4326# @ 8 BPM, INJ RT @ 19.8 BPM, INJ PRESSURE 4770#, ISIP = 3683#, FG = .75, CALC 18 PERF OPEN @ 62 % OPEN, PUMP 161 BBL 20 # LINER GEL @ 20 BPM @ 4709#, DROP RT TO 15.9 BPM @ 4420#, DROP RT TO 11.7 BPM @ 4187#, DROP RT TO 4.5 BPM @ 3836#, SHUT DN, ISIP 3636#, FG = .75, 5 MIN = 3545#, 10 MIN = 3515#, 15 MIN = 3491#, RESTART PAD W/ 20 # X-LINE GEL, PUMP 30 BBL 1/4# PPC BAUXITE, STOP SD, CONT W/ PAD 583 BBLS, FRAC STG #2, PUMP 494 BBLS W/ 1# BAUXITE 20/40 X-LINK GEL, PUMP 1024 BBL W/ 2# BAUXITE 20/40 X-LINK GEL, PUMP 1265 BBLS W/ 3# BAUXITE 20/40 X-LINK GEL, DROP BK TO 2.5 # W/ PUMP 588 BBLS 2.5# BAUXITE X-LINK GEL, PUMP 352 BBLS 3# BAUXITE 20/40 X-LINK GEL, PUMP 260 BBLS 4# BAUXITE 20/40 X-LINK GEL, PUMP 180 BBLS 5# BAUXITE 20/40 X-LINK GEL, PUMP 160 BBL FLUSH. MP = 5385#, MR = 20.2 BPM, AP = 4338#, AR = 2014 BPM, ISIP 5385#, FG = .91, NPI = 1776#, PUMP 5097 BBLS W/ 402392 # BAUXITE 20/40 SAND, 5 MIN = 4440#, 10 MIN = 4085#, 15 MIN = 3825#, SWI RD/ BJ, RU/ CUTTER WIRELINE, RIH W/ BAKER 10K CBP, WIRELINE SET DN @ 8462', WORK W WIRELINE GETTING TO 8477', PULLED UP TO @ 8280', WIRELINE STUCK, OPEN WELL TO PIT SLOW, WELL BLEED OFF THEN SURGE W/ BLOWING WIRELINE UP HOLE, PULLED LINE OUT W/ LEAVING @ 60' WIRELINE AND TOOLS W CBP IN 4-1/2" 15.5# FRAC STRING @ 8260', RD/ CUTTER, HOOK UP STARTED FLOWING WELL BK W/ WELL DIE DN TO 1/2" STREAM, TURN WELL OVER TO FLOW BK CREW TO TRY FLOW WELL BK TO CLEAN UP, SD
6/30/2008	<u>SUPERVISOR:</u> CLAUD SIMS						<u>MD:</u>
	7:00 - 7:30	0.50	COMP	48		P	JSA-SAFETY MEETING #14, DAY 14
	7:30 - 15:00	7.50	COMP	30		P	2150# ON WELL, OPEN TO PIT W, BLOWED DN IN 5 MIN, HOOK UP PUMP, PUMP DN CSG W/ TAKEN 1 BBL OF WTR TO PRESSURE UP TO 1,000#, BLOWED DN TO PIT, RU/ FLOW MANFOLD FOR COIL TBG UNIT, SWSD.
7/1/2008	<u>SUPERVISOR:</u> CLAUD SIMS						<u>MD:</u>
	7:00 - 7:30	0.50	COMP	48		P	JSA-SAFETY MEETING # 15, DAY 15
	7:30 - 19:00	11.50	COMP	32		P	MIRU BJ COIL TBG, 2400# ON WELL, BLOWED DN TO PIT, BJ PU/ WASH TOOL ON 1-3/4" COIL TBG, RIH W/ TAG UP @ 8220' CIRC WELL, COIL HANG UP FOR 15', POSSIBLE WIRELINE, TOOH W/ COIL TBG, HAD FRAC SAND BACK ON RETURN, RD/ BJ COIL UNIT, SPOT IN BOP EQUIPT, SWSD.
7/2/2008	<u>SUPERVISOR:</u> CLAUD SIMS						<u>MD:</u>
	7:00 - 7:30	0.50	COMP	48		P	JSA-SAFETY MEETING #16, DAY 16
	7:30 - 11:00	3.50	COMP	30		P	2400# ON WELL, BLOWED DN TO PIT, ND/ FRAC VALVE, NU/BOPS, RU/ MOUNTAIN STATE SNUBBING UNIT, LAY DN DRILL COLLERS,
	11:00 - 22:00	11.00	COMP	31	I	P	PU/FISHING TOOLS, TIH W/ 2-3/8" TBG, TAG FISH TOP @ 8252', GOT HOLD OF ROPE SOCKET, PULLED UP SET JARS OFF, SECOND TIME FISH COME LOOSE & CAME UP HOLE @ 5', BLOWED WELL DN, LAYED DN 1 STAND OF 2-3/8" TBG, HOOK UP PUMP, PUMP DN TBG OUT CSG, PULLED 8JTS OUT W/ JAR OUT OF HOLE, HANGING UP EVER 31', TOP OF @ 7974', SWI SDFN.
7/3/2008	<u>SUPERVISOR:</u> CLAUD SIMS						<u>MD:</u>
	7:00 - 7:30	0.50	COMP	48		P	JSA-SAFETY MEETING #17, DAY 17
	7:30 - 16:00	8.50	COMP	31	B	P	NO PRESSURE ON WELL, JAR ON FISH, HOOK UP CIRC WELL, JARRING ON FISH, JARED OUT @ 123', 2 STANDS, JARS GAVE OUT, GOT OFF FISH AT @ 7853'.

Wins No.: 94875		NBU 920-14N				API No.: 4304737754	
	7:30 - 16:00	8.50	COMP	31	B	P	NO PRESSURE ON WELL, JAR ON FISH, HOOK UP CIRC WELL, JARRING ON FISH, JARED OUT @ 123', 2 STANDS, JARS GAVE OUT, GOT OFF FISH AT @ 7853'.
	16:00 - 17:00	1.00	COMP	31	I	P	TOOH W/ SNUBBING UNIT TO @ 7000', SWISDFWE
7/7/2008	<u>SUPERVISOR:</u> CLAUD SIMS					<u>MD:</u>	
	7:00 - 7:30	0.50	COMP	48		P	JSA-SAFETY MEETING #18, DAY 18
	7:30 - 10:30	3.00	COMP	31	I	P	NO PRESSURE ON WELL, TOOH W/ TBG, CHANGE OUT JARS. HAD @ 18" OF WIRE IN GRAPPLE.
	10:30 - 15:00	4.50	COMP	31	I	P	PU/ NEW FISHING TOOLS, TIH W/ 2-3/8" TBG, TAG TOP OF FISH @ 7822',
	15:00 - 16:00	1.00	COMP	31	B	P	LATCH ON TO FISH, CIRC WELL TO MAKE SURE CSG CLEAN, HOLD 1000# ON CSG, PICK UP ON FISH W/ COME UP HOLE 10', BLOWED WELL DN W/ PULLING OUT @ 20', LET WELL TRY TO UNLOAD WTR AND PRESSURE, WELL DIED
	16:00 - 18:00	2.00	COMP	31	B	P	WORK W/ TBG, JARING THROUGH COLLER, JAR FISH FREE, PULLED OUT @ 40' TBG TO @ 7782', WELL STARTED FLOWING, SECURE WELL, TURN WELL OVER TO FLOW BACK CREW TO FLOW WELL OVERNIGHT, SDFN
7/8/2008	<u>SUPERVISOR:</u> CLAUD SIMS					<u>MD:</u>	
	7:00 - 7:30	0.50	COMP	48		P	JSA-SAFETY MEETING # 19, DAY 19
	7:30 - 13:30	6.00	COMP	31	B	P	WELL DIED ABOUT MIDNIGHT, NO PRESSURE ON WELL, CIRC WELL DN TBG OUT CSG, NO SAND, PULLED OUT 3 JTS W/ JARING OUT OF HOLE, PULLED 4 th JT W/ PULLING FREE, WELL STARTED FLOWING W/ UNLOAND WTR & GAS, FLOWING WIDE OPEN 2" W/ 40 #, WELL DIED OFF TO ZERO PRESSURE,
	13:30 - 19:30	6.00	COMP	31	I	P	PULL OUT OF HOLE SLOW W/ DRAG ON TBG AND OVER PULL EVER 31' W/ ABLE TO GO BACK IN HOLE ALSO, WORK TBG OUT W/ HANGING UP ON COLLERS, JARS GAVE OUT, TRY TO GET OFF FISH, PULLED JT FREE PULLED UP LAYED JT DN, EOT @ 6193', WELL FLOWING, SHUT DN, TURN OVER TO FLOW CREW TO FLOW OVERNIGHT, SD.
7/9/2008	<u>SUPERVISOR:</u> CLAUD SIMS					<u>MD:</u>	
	7:00 - 7:30	0.50	COMP	48		P	JSA-SAFETY MEETING #20, DAY 20
	7:30 - 19:30	12.00	COMP	31	B	P	NO PRESSURE OR FLOW ON WELL, PUMP 60 BBLS 2% KCL DN TBG OUT CSG, TOOH W/ TBG AND FISH PULLING SLOW, STILL DRAG ON TBG ON EACH COLLER @ 31', KEEP HOLE FULL OF WTR, PULLED OUT TO @ 2800', CIRC WELL W/ LAST PUMP 30 BBLS 10# BRINE WTR, TOOH SLOW W/ LAYING DN MOST OF THE FISH, FISH STILL IN HOLE, POSSIBLE WIRELINE AND CBP, SD, TURN WELL OVER TO FLOW CREW,
7/10/2008	<u>SUPERVISOR:</u> CLAUD SIMS					<u>MD:</u>	
	7:00 - 7:30	0.50	COMP	48		P	JSA-SAFETY MEETING #21, DAY 21
	7:30 - 12:00	4.50	COMP	31	I	P	WELL DID NOT FLOW OVERNIGHT, PU/ 3-5/8" BIT,FLOAT, BUMPER SUB, JAR, TIH W/ 2-3/8" TBG, TAG @ 8182'
	12:00 - 19:00	7.00	COMP	44	C	P	RU/POWER SWIVEL, WASH SAND DN TO 8198' TAG CBP, WELL BLOWED IN, BLOWED WELL DN TO GET PRESSURE DN TO DRILL PLUG, CSG PRESSURE @ 400# ON 2" LINE TO PIT, DRILL ON CBP 8189' TO 8200', PUSH CBP TO 8300', RD/ PS, PUT WELL ON 32/64 CHOKE W/600#, TURN WELL OVER TO FLOW CREW, SD
7/11/2008	<u>SUPERVISOR:</u> CLAUD SIMS					<u>MD:</u>	

Wins No.: 94875		NBU 920-14N				API No.: 4304737754	
	7:00 - 7:30	0.50	COMP	48	P	JSA-SAFETY MEETING #22, DAY 22	
	7:30 - 11:30	4.00	COMP	44	B	P	WELL FLOWED OVERNIGHT ON 32/64 CHOKE 900#, BLOWED WELL DN, TIH TO 8510' (end of seal assy), TRY PULL BACK UP INTO FRAC STRING W/ HANGING UP, RIH TO 8610', PULLED BACK UP W/ WORKING EACH COLLER THRU SEAL ASSY, BUMPER SUB & JAR HUNG UP, RU/POWER SWIVEL, CIRC WELL & ROATE TBG W/ WORKING TOOLS BACK INTO FRAC STRING, RD/ POWER SWIVEL,
	11:30 - 16:30	5.00	COMP	31	I	P	TOOH W/ 2-3/8" TBG, LAYED DN BIT, JARS, BUMPER SUB, RD/ SNUBBING UNIT, PUMP 130 BBLSWTR DN CSG W/ PRESSURE UP TO 2,600# PUMP INTO FORMATION.
	16:30 - 23:30	7.00	COMP	34	I	P	RU/ CUTTER WIRE LINE, RIH W/ GAUGE RING TO @ 9,500', PULLED OUT OF HOLE, RIH W/ A DUMMY RUN CBP SET TOOL TO @ 8600', PULLED OUT, RIH W/ BAKER 8K CBP, TRY TO SET CBP @ 9380', MISFIRE, PULLED CBP OUT, NO OIL IN SETTING TOOL, TURN WELL OVER TO FLOW CREW, FLOW WELL OVER NIGHT, SD
7/12/2008	<u>SUPERVISOR:</u> CLAUD SIMS					<u>MD:</u>	
	8:00 - 8:30	0.50	COMP	48	P	JSA-SAFETY MEETING #23, DAY 23	
	8:30 - 15:00	6.50	COMP	34	I	P	WELL FLOWED OVERNIGHT ON 20/64 CHOKE @ 600#, BLOWED WELL DN, PUMP 175 BBLs 2% KCL DN CSG, RU/CUTTER WIRELINE RIH W/ BAKER 8K CBP, SET CBP @ 9459', RIG DOWN CUTTER WIRELINE, BLEED WELL DN, CHANGE OUT BOP RAM TO 4-1/2" RAMS, PREPARE TO PULL FRAC STRING ON MONDAY, SWISDFWE.
7/14/2008	<u>SUPERVISOR:</u> CLAUD SIMS					<u>MD:</u>	
	7:00 - 7:30	0.50	COMP	48	P	JSA-SAFETY MEETING #24, DAY 24	
	7:30 - 14:30	7.00	COMP	30	P	1500# ON CSG, BLOWED DN TO PIT, 200# BETWEEN 4-1/2" & 7" CSG, BLOWED TO TK, CHANGE OUT PIPE RAMS, RU/ WEATHERFORD CSG CREW, TRY TO SCREW PU/ JT INTO HANGER, RD/ EQUIP & FLOOR, TOOK BOP OFF, STARTING THERD ON HANGER WAS DAMAGE, WORK ON HANGER GETTING THERD STRIGHT, NU/BOP & WORKING FLOOR, PUT PU JT IN AND SCREW INTO HANGER,	
	14:30 - 18:00	3.50	COMP	31	I	P	TOOH W/ 4-1/2" FRAC STRING W/ LAYING ON PIPE RACK, LAYED DN HANGER, DOUBLE PIN, 2- PUP JTS, AND 128 JTS 4-1/2" TBG @ 3968', SHUT WELL IN SDFN.
7/15/2008	<u>SUPERVISOR:</u> CLAUD SIMS					<u>MD:</u>	
	7:00 - 7:30	0.50	COMP	48	P	JSA-SAFETY MEETING # 25, DAY 25	
	7:30 - 14:00	6.50	COMP	31	I	P	40 # ON WELL, PULLED OUT LAY DN 4-1/2" FRAC STRING, RD/ WEATHERFORD CSG CREW, RD/ PIPE HANDER, RD/ ALL 4-1/2" EQUIPT., CHANGE OUT PIPE RAMS TO 2-3/8" TBG, RU/ 2-3/8" EQUIPT.
	14:00 - 18:00	4.00	COMP	31	I	P	PU/3-7/8" BIT POBS XN-NIPPLE, TIH W/ 2-3/8" TBG TO @ 9300', MOVE TBG OVER PIPE RACKS, PREPARE TO DRILL OUT CBPS IN AM. SWIFN.
7/16/2008	<u>SUPERVISOR:</u> CLAUD SIMS					<u>MD:</u>	
	7:00 - 7:30	0.50	COMP	48	P	JSA-SAFETY MEETING #26, DAY 26	

Wins No.: 94875		NBU 920-14N				API No.: 4304737754	
7:30 - 19:30		12.00	COMP	44	C	P	400# ON WELL, BLOWED DN TO PIT, TIH TAG CBP @ 9459', RU/ POWER SWIVEL, BROKE CIRC DN TBG OUT CSG, DRILL OUT BAKER 8K CBP IN 3 MIN, 150# DIFF., RIH TAG SAND @ 11,375', C/O 50' OF SD, FCP = 175#, DRLG CBP #2 @ 11,424', DRILL ABOUT 1/2 OF CBP PRESSURE BELOW STARTED PUSH TBG OUT, LET WELL FLOW TO PIT ON 1-1/2" VALVE OPEN AT 500#, PRESSURE DROP, DRILL ON OUT CBP #2, 200# DIFF, TIH TAG SAND @ 11,535', C/O 119' OF SAND TO @ 11,654' PBTD, CIRC WELL CLEAN, R/D POWER SWIVEL, POOH LAY DN 11JTS ON PIPE RACK, LAND TBG ON HANGER W/ 360 JTS, EOT @ 11,291', R/D TBG EQUIP & FLOOR, ND/ BOPS, NU/ WH, DROP BALL DN TBG, PUMP OFF BIT SUB @ 800#, WAIT 30 MIN FOR BIT TO FALL TO BTTM, OPEN WELL UP ON 20/64 CHOKE, FTP = 0#, SICP = 1400 #, 7:00 PM TURN WELL OVER TO FBC, WTR LTR @ 7:00 PM @ 5,528 BBLs, SDFN.
7/17/2008	SUPERVISOR: CLAUD SIMS						5 MD:
7:00 - 7:30		0.50	COMP	48		P	JSA-SSAFETY MEETING #27, DAY 27
7:30 - 13:30		6.00	COMP	30	C	P	WELL FLOWING TO PIT ON 20/64 CHOKE 1600#, SICP = 2400#, RD/ AUZ EQUIP. RD/ RIG MOVE OFF LOCATION. 375 jts 2-3/8" I-80 delv 360 jts 2-3/8" I-80 used 4 jts 2-3/8" I-80 bad 11 jts 2-3/8" I-80 sent to PRS in Vernal

Wins No.: 94875		NBU 920-14N		API No.: 4304737754	
EVENT INFORMATION:		EVENT ACTIVITY: COMPLETION		START DATE: 6/9/2008	
		OBJECTIVE: CONSTRUCTION		END DATE: 6/12/2008	
		OBJECTIVE 2: ORIGINAL		DATE WELL STARTED PROD.:	
		REASON: SURF FACILITIES		Event End Status: COMPLETE	
RIG OPERATIONS:		Begin Mobilization	Rig On Location	Rig Charges	Rig Operation Start
		Finish Drilling	Rig Release	Rig Off Location	
<u>Date</u>	<u>Time Start-End</u>	<u>Duration (hr)</u>	<u>Phase</u>	<u>Code</u>	<u>Subcode</u>
					<u>P/U</u>
<u>Operation</u>					
6/9/2008	<u>SUPERVISOR:</u> HAL BLANCHARD				<u>MD:</u>
7/18/2008	<u>SUPERVISOR:</u> HAL BLANCHARD				<u>MD:</u>
	7:00 -		33	A	7 AM FLBK REPORT: CP 1350#, TP 775#, 20/64" CK, 29 BWPH, TRACE SAND, NA GAS TTL BBLS RECOVERED: 713 BBLS LEFT TO RECOVER: 4815
7/19/2008	<u>SUPERVISOR:</u> HAL BLANCHARD				<u>MD:</u>
	7:00 -		33	A	7 AM FLBK REPORT: CP 1050#, TP 350#, 20/64" CK, 15 BWPH, TRACE SAND, NA GAS TTL BBLS RECOVERED: 1064 BBLS LEFT TO RECOVER: 4464
7/20/2008	<u>SUPERVISOR:</u> HAL BLANCHARD				<u>MD:</u>
	7:00 -		33	A	7 AM FLBK REPORT: CP 600#, TP 50#, OPEN/64" CK, 19 BWPH, TRACE SAND, NA GAS TTL BBLS RECOVERED: 1500 BBLS LEFT TO RECOVER: 4028
7/21/2008	<u>SUPERVISOR:</u> HAL BLANCHARD				<u>MD:</u>
	7:00 -		33	A	7 AM FLBK REPORT: CP 600#, TP 50#, OPEN/64" CK, 19 BWPH, TRACE SAND, NA GAS TTL BBLS RECOVERED: 1762 BBLS LEFT TO RECOVER: 3766
7/24/2008	<u>SUPERVISOR:</u> HAL BLANCHARD				<u>MD:</u>
	7:00 -		33	A	7 AM FLBK REPORT: CP 1850#, TP 500#, 14/64" CK, 10 BWPH, CLEAN SAND, - GAS TTL BBLS RECOVERED: 1958 BBLS LEFT TO RECOVER: 3570
7/26/2008	<u>SUPERVISOR:</u> HAL BLANCHARD				<u>MD:</u>
	7:00 -		33	A	7 AM FLBK REPORT: CP 500#, TP 50#, OPEN/64" CK, 3 BWPH, CLEAN SAND, - GAS TTL BBLS RECOVERED: 2149 BBLS LEFT TO RECOVER: 3379
7/27/2008	<u>SUPERVISOR:</u> HAL BLANCHARD				<u>MD:</u>
	7:00 -		33	A	7 AM FLBK REPORT: CP 500#, TP 50#, OPEN/64" CK, 0 BWPH, CLEAN SAND, - GAS TTL BBLS RECOVERED: 2176 BBLS LEFT TO RECOVER: 3352
7/28/2008	<u>SUPERVISOR:</u> HAL BLANCHARD				<u>MD:</u>
	7:00 -		33	A	7 AM FLBK REPORT: CP 500#, TP 75#, 30/64" CK, 0 BWPH, CLEAN SAND, - GAS TTL BBLS RECOVERED: 2210 BBLS LEFT TO RECOVER: 3318
7/29/2008	<u>SUPERVISOR:</u> HAL BLANCHARD				<u>MD:</u>
	7:00 -		33	A	7 AM FLBK REPORT: CP 625#, TP 50#, 30/64" CK, 0 BWPH, CLEAN SAND, - GAS TTL BBLS RECOVERED: 2214 BBLS LEFT TO RECOVER: 3314

Wins No.: 94875		NBU 920-14N		API No.: 4304737754	
EVENT INFORMATION:		EVENT ACTIVITY: COMPLETION		START DATE: 8/29/2008	
		OBJECTIVE: DEVELOPMENT		END DATE:	
		OBJECTIVE 2: COMPLETION		DATE WELL STARTED PROD	
		REASON:		Event End Status:	
RIG OPERATIONS:		Begin Mobilization	Rig On Location	Rig Charges	Rig Operation Start
		Finish Drilling	Rig Release	Rig Off Location	
MILES 2 / 2					
<u>Date:</u>	<u>Time Start-End</u>	<u>Duration (hr)</u>	<u>Phase</u>	<u>Code</u>	<u>Subcode</u>
					<u>P/U</u>
					<u>Operation</u>
8/29/2008	<u>SUPERVISOR:</u> WILL GLEAVE				
	7:00 - 12:00	5.00	COMP	30	A P
	12:00 - 18:30	6.50	COMP	31	I P
	18:30 - 21:00	2.50	COMP	34	I P
					<u>MD:</u>
HSM. MIRU FROM NBU 920-20L. RU PUMP & LINES. BLOW DOWN BACK-SIDE. KILL WELL W/ 2%. NU BOPE.					
START TOOCH, RIG BROKE DOWN, REPAIR RIG, TOOCH W/ 360 JTS 2-3/8 TBG.					
MIRU CUTTERS WIRELINE. PU 8-K 4-1/2 CBP. RIH, SET CBP @ 10,700'. POOH. RDMO CUTTERS WIRELINE. FILL CSG W/ 2%. PRESSURE UP TO 3000#. SWI-SDFN					
8/30/2008	<u>SUPERVISOR:</u> WILL GLEAVE				
	12:00 - 16:00	4.00	COMP	41	A P
					<u>MD:</u>
MIRU BAKER ATLAS. RUN CBL SDFN					
9/2/2008	<u>SUPERVISOR:</u> WILL GLEAVE				
	7:00 - 17:00	10.00	COMP	33	C P
					<u>MD:</u>
7:00 A.M. HSM					
ARRIVE ON LOC. WAIT ON ORDERS. TILL 11:00 A.M. MIRU B&C QUICK TST. FILL CSG & PSI TST CSG & BOPE TO 7500# (HELD). BLEED PSI OFF. SWI. SDFN. WAIT ON ORDERS.					
9/3/2008	<u>SUPERVISOR:</u> WILL GLEAVE				
	7:00 - 15:00	8.00	COMP	46	A P
					<u>MD:</u>
RIG & EQUIP ON STAND BY					
9/4/2008	<u>SUPERVISOR:</u> WILL GLEAVE				
	9:30 - 22:00	12.50	COMP	36	B P
					<u>MD:</u>
9:30 A.M. HSM					
MIRU CUTTERS W.L. SVC. P/U 3 3/8" PERF GUNS LOADED W/ 23 GM CHARGES, 4 SPF, 90 DEG PHASING & RIH. SHOOT 16 HOLES F/ 10624' - 28', P/U SHOOT 8 HOLES F/ 10574' - 76', P/U SHOOT 8 HOLES F/ 10546' - 48', P/U SHOOT 8 HOLES F/ 10501' - 03'. POOH.					
WAIT ON SAND, 400,000# DELIVERY THIS MORNING.					
MIRU WEATHERFORD. PRIME PMP'S & PSI TST LINES TO 8500# (HELD). BEGIN FRAC.					
BOTH STAGES SHOT W/ 3 3/8" PERF GUNS LOADED W/ 23 GM CHARGES. 4 SPF, 90 DEG PHASING. CBP'S ARE 4 1/2" BAKER 8K CBP'S. ALL FLUID TREATED W/ NALCO DVE-005 SCALE INHIB @ 3 GPM IN PAD & 1/2 RAMP. 10 GPT IN FLUSH & PRE PAD. ALL FLUID TREATED W/ NALCO BIOCID @ .5 GPT.					
BEGIN PMP @ 4:30 P.M.					
STG 1: BRK DWN PERF'S @ 3386#, EST INJ RT @ 51.1 BPM @ 5740#, ISIP 3009, FG .73, TREAT STG 1 W/ 32,108# SAND TAILED IN W/ 5000# TLC SAND W/ SLK WTR. TOT CL FL 1173 BBLS. ISIP 3294#, NPI 285#, FG .76					
STG 2: P/U 3 3/8" PERF GUNS & 4 1/2" CBP & RIH. SET CBP @ 10392', P/U SHOOT 16 HOLES F/ 10388' - 62', P/U SHOOT 16 HOLES F/ 10244' - 48', P/U SHOOT 16 HOLES F/ 10166' - 70', POOH, BRK DWN PERF'S @ 3082#, EST INJ RT @ 50.2 BPM @ 4300#, ISIP 2861#, FG .72,					
PMP 329 BBLS W/ RA TRACER. S/D TRACER. FLUSH W/ 360.5 BBLS. (PMP TOTAL OF 705 BBLS @ 50 BPM) S/D PMP. P/U GR/CCL LOG TOOLS & RIH. LOG WELL OVER PERF INT F/ 10166' TO 10362'. G/R SHOWS R/A TRACER HOT @ 10368' - 10344', THEN CLEAR. R/A TRACER BEGIN AGAIN @ 10285' - 10220' THEN CLEAR. R/A TRACER BEGIN AGAIN F/ 10177' CONTINUE UP TO 9190' THEN CLEAR. STOP LOG. CONSULT ENGINEERING. POOH L/D LOG TOOLS. RDMO WEATHERFORD. SWI. SDFN					
NOTE: RA TRACER WAS SC-46 TOTAL 7mCi					
9/5/2008	<u>SUPERVISOR:</u> JEFF SAMUELS				
					<u>DWC:</u>
					<u>MD:</u>

Wins No.: 94875		NBU 920-14N				API No.: 4304737754
7:00 - 21:00		14.00	COMP	44	C P	<p>7:00 A.M. HSM P/U 4 1/2" CBP & RIH. SET KILL PLUG @ 10116'. POOH. RDMO CUTTERS. P/U 3 7/8" MILL, PMP OPEN BIT SUB & RIH W/ TBG, HAD TO WORK TBG THROUGH LT (30 MIN). TAG KILL PLUG @ 10116'. R/U DRL EQUIP. R/U PMP & LINES. BRK CONV CIRC W/ TRW & BEG TO DRL.</p> <p>DRL UP 1ST CBP IN 1 HR. (500# PSI INC). CONT TO RIH. TAG FILL @ 10362'. (30' FILL). C/O TO 2ND CBP @ 10392'</p> <p>DRL UP 2ND CBP IN 75 MIN. (500# PSI INC). CONT TO RIH. TAG FILL @ 10620'. (80' FILL). C/O TO ISOLATION CBP @ 10700'. CIRC WELL CLEAN. POOH. LD 38 JTS TBG. LUBRICATE TBG HANGER INTO WELL 10149'. LAND TBG W/ EOT @ . ND 10K BOPE. NUWH. R/U FLOW BACK EQUIP. PMP OFF THE BIT SUB @ 1200#. TURN OVER TO FLOW BACK CREW @ 8:30 P.M.</p> <p>SICP 2200# FTP 50# OPEN CHOKE</p> <p>LOCATION INSPECTION UPON ARRIVAL. SEVERAL JTS TBG ON LOC. L/D ON SKIDS. PIT NO LEAKS. NO OIL.</p>
9/6/2008	<u>SUPERVISOR:</u> JEFF SAMUELS					<u>MD:</u>
	7:00 -	33		A	7 AM FLBK REPORT: CP 2500#, TP 1700#, 20/64" CK, 20 BWPH, TRACE SAND, - GAS TTL BBLS RECOVERED: 1011 BBLS LEFT TO RECOVER: 877	
9/7/2008	<u>SUPERVISOR:</u> JEFF SAMUELS					<u>MD:</u>
	7:00 -	33		A	7 AM FLBK REPORT: CP 2450#, TP 1600#, 20/64" CK, 18 BWPH, TRACE SAND, - GAS TTL BBLS RECOVERED: 1461 BBLS LEFT TO RECOVER: 427	
9/8/2008	<u>SUPERVISOR:</u> JEFF SAMUELS					<u>MD:</u>
	7:00 -	33		A	7 AM FLBK REPORT: CP 2500#, TP 1700#, 20/64" CK, 5 BWPH, L. TRACE SAND, - GAS TTL BBLS RECOVERED: 1676 BBLS LEFT TO RECOVER: 212	

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED
OMB NO. 1004-0137
Expires: November 30, 2000

1a. Type of Well ☐ Oil Well ☒ Gas ☐ Dry Other
b. Type of Completion: ☒ New ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other _____

2. Name of Operator

KERR-MCGEE OIL & GAS ONSHORE LP

3. Address

1368 SOUTH 1200 EAST, VERNAL, UTAH 84078

3a. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Report locations clearly and in accordance with Federal requirements) *

At surface

SE/SW 732'FSL, 1805'FWL

At top prod. interval reported below

At total depth

14. Date Spudded

02/12/08

15. Date T.D. Reached

05/06/08

16. Date Completed

☐ D & A ☒ Ready to Prod.
09/05/0818. Total Depth: MD
TVD

11,700'

19. Plug Back T.D.: MD
TVD

11,654'

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

✓ GR/X-MULTIPLE ARRAY ACOUSTIC LOG
✓ CBL-CCL-GR, CZDL/CN/GR/CAL/HDL22. Was well cored? ☒ No ☐ Yes (Submit copy)
Was DST run? ☒ No ☐ Yes (Submit copy)
Directional Survey? ☒ No ☐ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
20"	14"	36.7#		40'		28 SX			
12 1/4"	9 5/8"	36#		2850'		620 SX			
8 3/4"	7"	26#		8790'		985 SX			
6 1/8"	4 1/2"	11.6#		11,700'		350 SX			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Set (MD)
2 3/8"	10,149'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) MESAVERDE	10,166'	10,628'	10,166'-10,628'	0.36	88	OPEN
B) BLACKHAWK	11,311'	11,598'	11,311'-11,598'	0.36	64	OPEN
C)						
D)						

26. Perforation Record

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and type of Material
10,166'-10,628'	PMP 1878 BBLS SLICK H2O & 32,108# 30/50 SD
11,311'-11,598'	PMP 6665 BBLS SLICK H2O & 502,031# 30/50 SD

RECEIVED

OCT 06 2008

28. Production - Interval A

DIV. OF OIL, GAS & MINING

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
09/05/08	09/09/08	18	→	0	1,197	120			FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg. 1600# SI	Csg. Press. 2475#	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Well Status	
20/64			→	0	1197	120			PRODUCING GAS WELL

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Well Status	
			→						

(See instructions and spaces for additional data on reverse side)

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
GREEN RIVER	1805'				
MAHOGANY	2410'				
WASATCH	5230'				
MESAVERDE	8411'				
SEGO	10,660'				
CASTLEGATE	10,760'				
BLACKHAWK	11,110'				

32. Additional remarks (include plugging procedure):

33. Circle enclosed attachments:

- | | | | |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.) | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 5. Core Analysis | 7. Other: | |

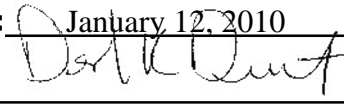
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) SHEILA UPCHEGOTitle REGULATORY ANALYST

Signature

Sheila Upchego mkDate 10/01/08

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9			
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PHONE NUMBER: 720 929-6007 Ext		9. FIELD and POOL or WILDCAT: NATURAL BUTTES			
COUNTY: UINTAH		STATE: UTAH			
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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. THE OPERATOR REQUESTS AUTHORIZATION TO WORKOVER THE SUBJECT WELL. PLEASE REFER TO THAT ATTACHED WORKOVER PROCEDURE. A SUBSEQUENT REPORT SUNDRY WILL BE FILED AT THE CONCLUSION OF OPERATIONS.					
Accepted by the Utah Division of Oil, Gas and Mining		Date: January 12, 2010 By: 			
NAME (PLEASE PRINT) Andy Lytle	PHONE NUMBER 720 929-6100	TITLE Regulatory Analyst			
SIGNATURE N/A		DATE 1/11/2010			

**Fish stuck tubing, C/O and install CIBP to ensure isolation from Blackhawk
SESW-Section 14 – T9S – R20E
Uintah County, UT**

DATE: 12/23/09

ENGINEER: Brad Laney

ELEVATIONS: 4833' GL

4852' KB

TOTAL DEPTH: 11700'

PBTD: FC @ ~11654'

SURFACE CASING:

9 5/8", 36#, J-55 ST&C @ 2790'

PRODUCTION CASING:

7", 26# P-110 @ 8790'

4 1/2", 11.6#, P110 LT&C liner f/ 8505'-11700'

Marker Joint 5248'-5270'

TUBULAR PROPERTIES:

	BURST (psi)	COLLAPSE (psi)	DRIFT DIA. (in.)	CAPACITIES	
				(bbl/ft)	(gal/ft)
2 3/8" 4.7# L-80 tbg	11,200	11,780	1.901"	0.00387	0.1624
4 1/2" 11.6# P110 (See above)	10690	7580	3.875"	0.0155	0.6528
2 3/8" by 4 1/2" Annulus				0.0101	0.4227
2 3/8" by 7" Annulus				0.0328	1.3769

Relevant History:

- MAY 2008: Completed with 2 frac stages in the Blackhawk (11311'-11598'), landed tubing @ 11291' and pumped off POBS.
- SEP 2008: Completed 2 more stages in the MV (10166'-10628') leaving CBP @ 10700'. Landed tubing at 10100' with pump open bit sub.
- FEB 2009: Unplugged tubing and cleaned out to 10600'. EOT at 10148'.
- OCT 2009: MIRU to c/o but tubing was stuck. Ran FP and tubing plugged at ~9281'. Tubing 100% free at 9281'. RDMO.
- DEC 2009: Shot 20 holes in tubing w/ Cutters from 9285-91'.

Symptoms:

- Well suddenly increased casing pressure, produced formation gravel, and increased water production. Probable cause is leaking bridge plug. Well has not produced since changes.

Procedure Outline:

- Check with Brad Laney (828-5469), Doyle Holmes (828-3109), or Cody Hislop (828-4615) to ensure plunger has been removed from well.
- MIRU. Kill well and unland tubing. Work tubing to free pipe. If unsuccessful, start fishing operations. NOTE: Check for over-torqued collar at ~700' during workover and LD if necessary.

- After fish is removed from well, PU mill, TIH, RU foamer, and clean out well to ~10700'. If possible, push bit sub to ~10750' for more rathole. **NOTE: Bit and bit sub were left in hole on top of CBP at 10700'. The CBP is believed to be leaking and possibly moved up hole.**
- TOOH and RU wireline. RIH with wireline and set CIBP at ~10750' with ~50' of cement on top.
- TIH and land tubing at ~10100'. Broach tubing and return to production.

Downhole summary:

Tubing plugged at ~9281' (Tubing is 100% free at 9281')

20 perfs in tubing at ~9285'-91'

EOT at 10148' (867' below tubing plug)

MV perfs 10166'-10628'

CBP at ~10700' (May have moved uphole) (Also has POBS on top)

Blackhawk perfs 11311'-11598'

4.5" liner top at 8505'

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9			
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Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY					
NAME (PLEASE PRINT) Sheila Wopsock		PHONE NUMBER 435 781-7024			
SIGNATURE N/A		TITLE Regulatory Analyst			
DATE 8/5/2011					

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4. LOCATION OF WELL FOOTAGES AT SURFACE: 0732 FSL 1805 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 14 Township: 09.0S Range: 20.0E Meridian: S		9. API NUMBER: 43047377540000																														
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		9. FIELD and POOL or WILDCAT: NATURAL BUTTES																														
TYPE OF SUBMISSION <input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 1/15/2012 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	TYPE OF ACTION <table style="width: 100%;"> <tr> <td><input type="checkbox"/> ACIDIZE</td> <td><input type="checkbox"/> ALTER CASING</td> <td><input type="checkbox"/> CASING REPAIR</td> </tr> <tr> <td><input type="checkbox"/> CHANGE TO PREVIOUS PLANS</td> <td><input type="checkbox"/> CHANGE TUBING</td> <td><input type="checkbox"/> CHANGE WELL NAME</td> </tr> <tr> <td><input type="checkbox"/> CHANGE WELL STATUS</td> <td><input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS</td> <td><input type="checkbox"/> CONVERT WELL TYPE</td> </tr> <tr> <td><input type="checkbox"/> DEEPEN</td> <td><input type="checkbox"/> FRACTURE TREAT</td> <td><input type="checkbox"/> NEW CONSTRUCTION</td> </tr> <tr> <td><input type="checkbox"/> OPERATOR CHANGE</td> <td><input type="checkbox"/> PLUG AND ABANDON</td> <td><input type="checkbox"/> PLUG BACK</td> </tr> <tr> <td><input type="checkbox"/> PRODUCTION START OR RESUME</td> <td><input type="checkbox"/> RECLAMATION OF WELL SITE</td> <td><input checked="" type="checkbox"/> RECOMPLETE DIFFERENT FORMATION</td> </tr> <tr> <td><input type="checkbox"/> REPERFORATE CURRENT FORMATION</td> <td><input type="checkbox"/> SIDETRACK TO REPAIR WELL</td> <td><input type="checkbox"/> TEMPORARY ABANDON</td> </tr> <tr> <td><input type="checkbox"/> TUBING REPAIR</td> <td><input type="checkbox"/> VENT OR FLARE</td> <td><input type="checkbox"/> WATER DISPOSAL</td> </tr> <tr> <td><input type="checkbox"/> WATER SHUTOFF</td> <td><input type="checkbox"/> SI TA STATUS EXTENSION</td> <td><input type="checkbox"/> APD EXTENSION</td> </tr> <tr> <td><input type="checkbox"/> WILDCAT WELL DETERMINATION</td> <td><input type="checkbox"/> OTHER</td> <td>OTHER: <input style="width: 100px;" type="text"/></td> </tr> </table>		<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>
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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The operator requests authorization to recomplete the subject well. The operator requests approval to recomplete the Wasatch formation. The operator will commingle the Wasatch formation with the existing Mesaverde and Blackhawk (part of the Mesaverde formation) formations. Please see the attached procedure. Thank you.																																
Accepted by the Utah Division of Oil, Gas and Mining Date: _____ By: _____																																
NAME (PLEASE PRINT) Jaime Scharnowske	PHONE NUMBER 720 929-6304	TITLE Regulatory Analyst																														
SIGNATURE N/A	DATE 1/15/2012																															

Greater Natural Buttes Unit



NBU 920-14N **RE-COMPLETIONS PROCEDURE**

DATE:1/3/2012
AFE#:
API#:4304737754
USER ID:OOT937 (Frac Invoices Only)

COMPLETIONS ENGINEER: Zachary Garrity, Denver, CO
(720)-929-6180 (Office)
(406)-781-6427 (Cell)

SIGNATURE:

ENGINEERING MANAGER: JEFF DUFRESNE

SIGNATURE:

REMEMBER SAFETY FIRST!

Name: **NBU 920-14N**
Location: **SE SW Sec 14 T9S R20E**
LAT: 40.030075 **LONG:** -109.637142 **COORDINATE:** NAD83 (Surface Location)
Uintah County, UT
Date: **1/3/2012**

ELEVATIONS: 4833' GL 4852' KB *Frac Registry TVD: 9956*

TOTAL DEPTH: 11,700' **PBTD:** 11654'
SURFACE CASING: 9 5/8", 36# J-55 ST&C @ 2784'
INTERMEDIATE CASING: 7 ", 26#, P-110 LT&C @ 8790
LINER: 4 1/2", 11.6#, P-110 LT&C @ 8505-11,700'
 Marker Joint **5224-5246'**

TUBULAR PROPERTIES:

	BURST (psi)	COLLAPSE (psi)	DRIFT DIA. (in.)	CAPACITIES	
				(bbl/ft)	(gal/ft)
2 3/8" 4.7# J-55 tbg	7,700	8,100	1.901"	0.00387	0.1624
7", 26# P-110	9950	7800	6.151	0.0383	1.6070
4 1/2" 11.6# P-110 (See above)	10690	7560	4.00"	0.0155	0.6528
2 3/8" by 4 1/2" Annulus				0.0101	0.4227

TOPS:

1769' Green River Top
 2003' Bird's Nest Top
 2525' Mahogany Top
 5205' Wasatch Top
 8453' Mesaverde Top
 *Based on latest geological interpretation

BOTTOMS:

8453' Wasatch Bottom
 11,700' Mesaverde Bottom (TD)

T.O.C. @ 880' Cutters CBL - 5/28/2008

**Based on latest interpretation of CBL

GENERAL:

- A minimum of **12** tanks (cleaned lined 500 bbl) of recycled water will be required. Note: Use biocide in tanks and the water needs to be at least 45°F at pump time.
- All perforation depths are from Bakers Induction-Density-Neutron log dated 3/12/2008
- **6** fracturing stages required for coverage.
- Procedure calls for **7** CBP's for **7" 26# P-110** Casing (**8000** psi) .
- Calculate open perforations after each breakdown. If less than 60% of the perforations appear to be open, ball out with 15% HCl.
- Pump scale inhibitor at 3 gpt (in pad and until 1.25 ppg ramp up is reached) and 10 gpt in all flushes except the final stage. Remember to pre-load the casing with scale inhibitor for the very first stage with 10 gpt.
- 30/50 mesh Ottawa sand, **Slickwater frac.**
- Maximum surface pressure **7000** psi.

- If casing pressure test fails. MIRU with tubing and packer. Isolate leak by pressure testing above and below the packer. RIH and set appropriate casing leak remediation (specific details on remediation will be provided in post-job-report). Re-pressure test to 1000 and 3500 psi for 15 minutes each and to 7000 psi for 30 minutes.
- Flush volumes are the sum of slick water and acid used during displacement (include scale inhibitor as mentioned above). Stage acid and scale inhibitor if necessary to cover the next perforated interval.
- **Call flush at 0 PPG @ inline densimeters. Slow to 5 bbl/min over last 10-20 bbls of flush. Flush to top perf.**
- **If distance between plug and top perf of previous stage is less than 50', it is considered to be tight spacing - over flush stage by 5 bbls (from top perf)**
- Tubing Currently Landed @~10,088'
- Originally completed on 6/27/2008
- **Well has 7" Intermediate Casing**

Existing Perforations:**PERFORATIONS**

<u>Formation</u>	<u>Zone</u>	<u>Top</u>	<u>Btm</u>	<u>spf</u>	<u>Shots</u>	<u>Date</u>
MESA VERDE		10166	10170	4	16	09/04/2008
MESA VERDE		10244	10248	4	16	09/04/2008
MESA VERDE		10358	10362	4	16	09/04/2008
MESA VERDE		10501	10503	4	8	09/04/2008
MESA VERDE		10546	10548	4	8	09/04/2008
MESA VERDE		10574	10576	4	8	09/04/2008
MESA VERDE		10624	10628	4	16	09/04/2008
BLACKHAWK		11311	11316	2	10	06/27/2008
BLACKHAWK		11384	11394	2	20	06/27/2008
BLACKHAWK		11502	11508	4	24	05/31/2008
BLACKHAWK		11502	11506	3	12	06/27/2008
BLACKHAWK		11520	11522	3	6	06/27/2008
BLACKHAWK		11590	11598	2	16	06/27/2008

Relevant History:

6/16/2008 – Cement squeezed liner top prior to original completion.

6/27/2008 – Original completion

9/4/2008 – Set a CBP at 10,700' isolating Blackhawk perforation. Recomplete to the Mesaverde.

2/17/2009 – Pulled tbg and cleaned well out

12/23/2009 – Pulled tbg and found btm joints plugged with formation shale. RIH with mill and cleaned well out along with CIBP set at 10,700. RIH with 4-1/2" CIBP at 10,750' and dump bailed 2 sacks of cement on top of CIBP. RIH with wireline and tagged top of cement at 10,731'. RIH with tbg and landed at 10,088'; RDMO.

H2S History:

Production Date ▲	Gas (avg mcf/day)	Water (avg bbl/day)	Oil (avg bbl/day)	LGR (bbl/Mmcf)	Max H2S Seperator (ppm)
9/30/2009	248.20	48.67	0.00	196.08	5.00
10/31/2009	66.39	17.10	0.00	257.53	0.00
11/30/2009	0.00	0.00	0.00	#NA	
12/31/2009	0.00	0.00	0.00	#NA	
1/31/2010	177.71	37.16	0.00	209.11	
2/28/2010	233.29	43.68	0.00	187.23	0.00
3/31/2010	160.97	31.26	0.00	194.19	
4/30/2010	128.20	18.47	0.00	144.05	
5/31/2010	273.39	39.23	0.00	143.48	
6/30/2010	223.67	40.00	0.00	178.84	
7/31/2010	97.26	26.42	0.00	271.64	
8/31/2010	83.13	17.26	0.00	207.61	
9/30/2010	0.00	0.00	0.00	#NA	
10/31/2010	0.00	0.00	0.00	#NA	
11/30/2010	0.00	0.00	0.00	#NA	
12/31/2010	41.97	15.26	0.00	363.57	
1/31/2011	0.00	0.00	0.00	#NA	
2/28/2011	4.71	0.00	0.00	0.00	
3/31/2011	53.03	16.10	0.00	303.53	
4/30/2011	33.07	9.50	0.00	287.30	1.00
5/31/2011	28.71	8.71	0.00	303.37	
6/30/2011	0.00	0.00	0.00	#NA	
7/31/2011	27.23	9.74	0.03	359.00	
8/31/2011	148.55	43.90	0.39	298.15	
9/30/2011	174.63	50.47	1.43	297.19	
10/31/2011	124.84	29.58	0.61	241.86	2.00
11/30/2011	119.63	28.90	0.47	245.47	
12/31/2011	75.50	17.69	0.38	239.31	

PROCEDURE: (If using any chemicals for pickling tubing or H2S Scavenging, have MSDS for all chemicals prior to starting work.)

1. MIRU. Control well with recycled water and biocide as required. ND WH, NU BOP's and test.
2. The the tubing is below the proposed CBP depth, TOO H with 2-3/8", 4.7#, J-55 (or N-80) tubing (currently landed at ~10,088"). Visually inspect for scale and consider replacing if needed.
3. If tbg looks ok consider running a gauge ring to 8300 (50' below proposed CBP). Otherwise P/U a mill and C/O to 8300 (50' below proposed CBP).
4. Set 8000 psi CBP at ~ 8250'. ND BOPs and NU frac valves. Test frac valves and casing to 1000 and 3500 psi for 15 minutes each and to 7000 psi for 30 minutes; if pressure test fails contact Denver engineer and see notes. As per standard operating procedure install steel blowdown line to reserve pit from 7" X 9-5/8" annulus. Lock **OPEN** the Braden head valve. Annulus will be monitored throughout stimulation. If release occurs, stimulation will be

shut down. Well conditions will be assessed and actions taken as necessary to secure the well. UDOGM will be notified if a release to the annulus occurs.

5. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
WASATCH	8039	8044	3	15
WASATCH	8197	8200	3	9

6. Breakdown perfs and establish injection rate (include scale inhibitor in fluid). Spot 250 gals of 15% HCL and let soak 5-10 min. Fracture as outlined in Stage 1 on attached listing. Under-displace to ~8039' and trickle 250gal 15%HCL w/ scale inhibitor in flush .

7. Set 8000 psi CBP at ~7,960'. Perf the following 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
WASATCH	7692	7694	4	8
WASATCH	7868	7870	4	8
WASATCH	7908	7910	4	8

8. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 2 on attached listing. Under-displace to ~7692' and trickle 250gal 15%HCL w/ scale inhibitor in flush.

9. Set 8000 psi CBP at ~7,392'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
WASATCH	7196	7200	3	12
WASATCH	7338	7342	3	12

10. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 3 on attached listing. Under-displace to ~7196' and trickle 250gal 15%HCL w/ scale inhibitor in flush.

11. Set 8000 psi CBP at ~6,982'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
WASATCH	6751	6752	3	3
WASATCH	6774	6776	3	6
WASATCH	6870	6872	3	6
WASATCH	6896	6897	3	3
WASATCH	6930	6932	3	6

12. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 4 on attached listing. Under-displace to ~6751' and trickle 250gal 15%HCL w/ scale inhibitor in flush.

13. Set 8000 psi CBP at ~6,448'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
WASATCH	6194	6196	3	6
WASATCH	6208	6210	3	6
WASATCH	6224	6226	3	6
WASATCH	6396	6398	3	6

14. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 5 on attached listing. Under-displace to ~6194' and trickle 250gal 15%HCL w/ scale inhibitor in flush.

15. Set 8000 psi CBP at ~5,718'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
WASATCH	5395	5398	3	9
WASATCH	5663	5668	3	15

16. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 6 on attached listing. Under-displace to ~5395' and flush only with recycled water.
17. Set 8000 psi CBP at~5,345'. Call for tubing.
18. ND Frac Valves, NU and Test BOPs.
19. TIH with 3 7/8" bit, pump off sub, SN and tubing.
20. Drill plugs and clean out to PBTD. Shear off bit and land tubing at $\pm 10,088''$ unless indicated otherwise by the well's behavior. This well WILL be commingled at this time.
21. Clean out well with foam and/or swabbing unit until steady flow has been established from completion.
22. **Leave surface casing valve open.** Monitor and report any flow from surface casing. RDMO

For design questions, please call
Zachary Garrity, Denver, CO
(720)-929-6180 (Office)
(406)-781-6427 (Cell)

For field implementation questions, please call
Jeff Samuels, Vernal, UT
(435)-781-7046 (Office)

NOTES:

If using any chemicals for pickling tubing or H2S Scavenging, have MSDS for all chemicals prior to starting work

Verify that the Braden head valve is locked OPEN.

Acid Pickling and H2S Procedures (If Required)

****PROCEDURE FOR PUMPING ACID DOWN TBG**

WHEN FINDING SCALE IN TUBING THAT IS ACID SOLUBLE, ENSURE THAT PLUNGER EQUIPMENT IS REMOVED AND ABLE TO PUMP DOWN TBG. INSTALL A 'T' IN PUMP LINE W/2" VALVE THAT NALCO CAN TIE INTO. HAVE 60 BBL 2% KCL MIXED W/ 10-15 GAL H2S SCAVENGER IN RIG FLAT TANK. (WE USED THE RIG FLAT TANK FOR MIXING CHEMICAL SO WE DIDN'T HAVE THE CHEMICAL IN ALL FLUIDS ON LOCATION, ONLY WHAT WE NEEDED TO PUMP DOWN HOLE)

1. PUMP 5-10 BBL 2% KCL DOWN TBG (NALCO CANNOT PUMP AGAINST PRESSURE)
2. NALCO WILL PUMP 3 DRUMS HCL (31%) INTO PUMP LINE.
3. FLUSH BEHIND ACID WITH 10-15 BBL 2% KCL
4. PUMP 2—30 BBL 2% W/ H2S SCAVENGER DOWN TBG.
5. PUMP REMAINDER OF 2% W/ H2S SCAVENGER DOWN CASING AND SHUT WELL IN FOR MINIMUM OF 2 HRS.
6. OVER DISPLACE DOWN TBG AND CSG TO FLUSH ACID AND SCAVENGER INTO FORMATION
7. MONITOR TUBING FOR FLOW AND CASING FOR H2S NOW AS POOH W/ TUBING.

**** PROCEDURE FOR PUMPING H2S SCAVENGER WITHOUT ACID**

PRIOR TO RIG MOVING ON OR AS RIG PULLS ONTO LOCATION. TEST CASING, TUBING AND SEPARATOR FOR H2S. IF FOUND MAKE SURE THAT PLUNGER SYSTEM IS REMOVED (IT IS POSSIBLE TO PUMP AROUND PLUNGERS BUT SOME WILL HAVE A STANDING VALVE IN SEATING NIPPLE).

1. MIX 10-15 GAL H2S SCAVENGER WITH 60-100 BBL 2% KCL IN RIG FLAT TANK.
2. PUMP 25 BBL MIXTURE DOWN TUBING AND REST DOWN CASING. SHUT WELL IN FOR 2 HOURS.
3. IF WELL HAS PRESSURE AFTER 2 HOURS – RETEST CASING AND TUBING FOR H2S.
4. FLUSH TUBING AND CASING PUSHING H2S SCAVENGER INTO FORMATION.
5. MONITOR TUBING FOR FLOW AND CASING FOR H2S NOW AS POOH W/ TUBING.

** As per APC standard operating procedure, APC foreman will verify ALL volumes pumped and record on APC Volume Report Form

Key Contact information

Completion Engineer

Zachary Garrity: 406-781-6427, 720-929-6180

Production Engineer

Brad Laney: 435/781-7031, 435/828-5469

Laura M. Wellman: 435/781-9748, 435/322-0118

Completion Supervisor Foreman

Jeff Samuels: 435-828-6515, 435-781-7046

Completion Manager

Jeff Dufresne: 720-929-6281, 303-241-8428

Vernal Main Office

435-789-3342

Emergency Contact Information—Call 911

Vernal Regional Hospital Emergency: 435-789-3342

Police: (435) 789-5835

Fire: 435-789-4222

Name NBU 920-14N - Recomplete
Perforation and CBP Summary

Stage	Zones	Perforations		SPF	Holes	Fracture Coverage		
		Top, ft	Bottom, ft					
1	WASATCH	8039	8044	3	15	8035.5	to	8063.25
	WASATCH	8197	8200	3	9	8191.75	to	8200.5
	# of Perfs/stage				24	CBP DEPTH	7,960	
2	WASATCH	7692	7694	4	8	7679	to	7700.25
	WASATCH	7868	7870	4	8	7862.75	to	7876.75
	WASATCH	7908	7910	4	8	7903	to	7915.75
	# of Perfs/stage				24	CBP DEPTH	7,392	
3	WASATCH	7196	7200	3	12	7193	to	7202.5
	WASATCH	7338	7342	3	12	7334.75	to	7343.25
	# of Perfs/stage				24	CBP DEPTH	6,982	
4	WASATCH	6751	6752	3	3	6745.5	to	6754
	WASATCH	6774	6776	3	6	6765.5	to	6777.75
	WASATCH	6870	6872	3	6	6868.25	to	6873
	WASATCH	6896	6897	3	3	6893	to	6897.25
	WASATCH	6930	6932	3	6	6925.75	to	6938
	# of Perfs/stage				24	CBP DEPTH	6,448	
5	WASATCH	6194	6196	3	6	6172	to	6215.5
	WASATCH	6208	6210	3	6	6220.75	to	6240
	WASATCH	6224	6226	3	6	6378	to	6405.25
	WASATCH	6396	6398	3	6			
	# of Perfs/stage				24	CBP DEPTH	5,718	
6	WASATCH	5395	5398	3	9	5393.25	to	5403
	WASATCH	5663	5668	3	15	5651.75	to	5675.75
	# of Perfs/stage				24	CBP DEPTH	5,345	
	Totals				144			

Sundry Number: 22179 API Well Number: 43047377540000

RECEIVED: Jan. 15, 2012

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
UTU0577A

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☐ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☒ Diff. Resvr.
Other _____

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.
UTU63047A

2. Name of Operator
KERR MCGEE OIL & GAS ONSHORE Mail: cara.mahler@anadarko.com

Contact: CARA MAHLER

8. Lease Name and Well No.
NBU 920-14N

3. Address 1099 18TH STREET, SUITE 1800
DENVER, CO 80202

3a. Phone No. (include area code)
Ph: 720-929-6029

9. API Well No.
43-047-37754

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface SESW 732FSL 1805FWL

At top prod interval reported below SESW 732FSL 1805FWL

At total depth SESW 732FSL 1805FWL

10. Field and Pool, or Exploratory
NATURAL BUTTES

11. Sec., T., R., M., or Block and Survey
or Area Sec 14 T9S R20E Mer SLB

12. County or Parish
UINTAH

13. State
UT

14. Date Spudded
02/12/2008

15. Date T.D. Reached
05/06/2008

16. Date Completed
☐ D & A ☒ Ready to Prod.
04/10/2012

17. Elevations (DF, KB, RT, GL)*
4828 GL

18. Total Depth: MD 11700
TVD

19. Plug Back T.D.: MD 11654
TVD

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CBL/GR/CCl

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit analysis)
Directional Survey? ☒ No ☐ Yes (Submit analysis)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.375	7972							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WASATCH	5395	8200	5395 TO 8200	0.360	144	OPEN
B) MESAVERDE	10166	11598	10166 TO 11598	0.360	152	OPEN
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
5395 TO 8200	PUMP 5,038 BBLs SLICK H2O & 122,145 LBS 30/50 OTTAWA SAND

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
04/10/2012	04/12/2012	24	→	0.0	724.0	0.0			FLows FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
48/64	115 SI	571.0	→	0	724	0		PGW	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #138922 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

RECEIVED

MAY 30 2012

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

29. Disposition of Gas(Sold, used for fuel, vented, etc.)
SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
				GREEN RIVER BIRD'S NEST MAHOGANY WASATCH MESAVERDE	1769 2003 2525 5205 8453

32. Additional remarks (include plugging procedure):

Find attached the recompletion history and perforation report. Test information is production from Wasatch/Mesaverde perforations. Casing in the well is as previously reported on the original Completion Report. Existing perforations: Mesaverde 10,166-11,598; new recompletion perforations are: Wasatch 5395-8200.

33. Circle enclosed attachments:

- | | | | |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.) | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis | 7. Other: | |

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #138922 Verified by the BLM Well Information System.
For KERR MCGEE OIL & GAS ONSHORE L., sent to the Vernal

Name (please print) CARA MAHLERTitle AUTHORIZED REPRESENTATIVE

Signature _____ (Electronic Submission)

Date 05/24/2012

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

1 General

1.1 Customer Information

Company	US ROCKIES REGION
Representative	
Address	

1.2 Well/Wellbore Information

Well	NBU 920-14N	Wellbore No.	OH
Well Name	NBU 920-14N	Wellbore Name	NBU 920-14N
Report No.	1	Report Date	4/2/2012
Project	UTAH-UINTAH	Site	NBU 920-14N
Rig Name/No.	GWS 1/1	Event	RECOMPL/RESERVEADD
Start Date	4/5/2012	End Date	
Spud Date	2/13/2008	Active Datum	RKB @4,852.00usft (above Mean Sea Level)
UWI	NBU 920-14N		

1.3 General

Contractor		Job Method	PERFORATE	Supervisor	
Perforated Assembly	PRODUCTION TUBING	Conveyed Method	WIRELINE		

1.4 Initial Conditions

Fluid Type	KCL WATER	Fluid Density	
Surface Press		Estimate Res Press	
TVD Fluid Top		Fluid Head	
Hydrostatic Press		Press Difference	
Balance Cond	NEUTRAL		

1.5 Summary

Gross Interval	5,395.0 (usft)-8,200.0 (usft)	Start Date/Time	4/5/2012 12:00AM
No. of Intervals	18	End Date/Time	4/5/2012 12:00AM
Total Shots	144	Net Perforation Interval	46.00 (usft)
Avg Shot Density	3.13 (shot/ft)	Final Surface Pressure	
		Final Press Date	

2 Intervals

2.1 Perforated Interval

Date	Formation/ Reservoir	CCL@ (usft)	CCL-T S (usft)	MD Top (usft)	MD Base (usft)	Shot Density (shot/ft)	Misfires/ Add. Shot	Diamete r (in)	Carr Type /Carr Manuf	Carr Size (in)	Phasing (°)	Charge Desc /Charge Manufacturer	Charge Weight (gram)	Reason	Misrun
4/5/2012 12:00AM	WASATCH/			5,395.0	5,398.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTIO N	

2.1 Perforated Interval (Continued)

Date	Formation/ Reservoir	CCL@ (usft)	CCL-T S (usft)	MD Top (usft)	MD Base (usft)	Shot Density (shot/ft)	Misfires/ Add. Shot	Diamete r (in)	Carr Type /Carr Manuf	Carr Size (in)	Phasing (°)	Charge Desc /Charge Manufacturer	Charge Weight (gram)	Reason	Misrun
4/5/2012 12:00AM	WASATCH/			5,663.0	5,668.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTIO N	
4/5/2012 12:00AM	WASATCH/			6,194.0	6,196.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTIO N	
4/5/2012 12:00AM	WASATCH/			6,208.0	6,210.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTIO N	
4/5/2012 12:00AM	WASATCH/			6,224.0	6,226.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTIO N	
4/5/2012 12:00AM	WASATCH/			6,396.0	6,398.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTIO N	
4/5/2012 12:00AM	WASATCH/			6,751.0	6,752.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTIO N	
4/5/2012 12:00AM	WASATCH/			6,774.0	6,776.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTIO N	
4/5/2012 12:00AM	WASATCH/			6,870.0	6,872.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTIO N	
4/5/2012 12:00AM	WASATCH/			6,896.0	6,897.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTIO N	
4/5/2012 12:00AM	WASATCH/			6,930.0	6,932.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTIO N	
4/5/2012 12:00AM	WASATCH/			7,196.0	7,200.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTIO N	
4/5/2012 12:00AM	WASATCH/			7,338.0	7,342.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTIO N	
4/5/2012 12:00AM	WASATCH/			7,692.0	7,694.0	4.00		0.360	EXP/	3.375	90.00		23.00	PRODUCTIO N	
4/5/2012 12:00AM	WASATCH/			7,868.0	7,870.0	4.00		0.360	EXP/	3.375	90.00		23.00	PRODUCTIO N	
4/5/2012 12:00AM	WASATCH/			7,908.0	7,910.0	4.00		0.360	EXP/	3.375	90.00		23.00	PRODUCTIO N	
4/5/2012 12:00AM	WASATCH/			8,039.0	8,044.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTIO N	
4/5/2012 12:00AM	WASATCH/			8,197.0	8,200.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTIO N	

3 Plots

US ROCKIES REGION
Operation Summary Report

Well: NBU 920-14N		Spud Conductor: 2/12/2008	Spud Date: 2/13/2008
Project: UTAH-UINTAH		Site: NBU 920-14N	Rig Name No: GWS 1/1
Event: RECOMPL/RESEREVEADD		Start Date: 4/5/2012	End Date:
Active Datum: RKB @4,852.00usft (above Mean Sea Level)		UWI: NBU 920-14N	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
4/2/2012	7:00 - 7:15	0.25	COMP	48		P		HSM, SLIPS, TRIPS & FALLS, RIGGING UP
	7:15 - 18:00	10.75	COMP	31	I	P		TBG & CSG PRESS 120 PSI, MIRU, SPOT EQUIP, LAY HARD LINES, CONTROL WELL W/ 35 BBLs DOWN TBG & CSG, ND WH ((FLANGE BOLTS & TIE DOWN PINS RUSTED HARD TO GET OFF)), NU 5K BOP & X/O SPOOL 10K TO 5K, RU FLOOR & TBG EQUIP, UNLAND TBG REMOVE 7" HANGER, INSTALL STRIPPING RUBBER & POOH 120 STDS IN DERRICK L/D 82JTS ON TRAILER, WELL GASSING A LITTLE KEPT TRICKLING TMAC DOWN CSG TOTAL WATER PUMPED 200 BBLs, SWI, DRAIN & WINTERIZE EQUIP, SDFN.
4/3/2012	7:00 - 7:15	0.25	COMP	48		P		HSM, SLIPS, TRIPS & FALLS, NIPPLING UP & DOWN, PRESS TESTING
	7:15 - 17:00	9.75	COMP	33	C	P		SICP 200 PSI, BLEED OFF & CONTROL WELL, RD FLOOR & TBG EQUIP, ND BOP, NU FV, MIRU J-W WIRELINE, RIH W/ 6.0" GAUGE RING TO 8,300' POOH, PU & RIH W/ 8K 7"CBP & SET @ 8,256', P/T CSG & FV, MIRU B & C QUICK TEST, PRESS TEST 7" CSG & FRAC VALVE'S, SURFACE CSG VALVE OPEN & LOCKED. FILL SURFACE CSG & 7" CSG. PSI TEST T/ 1000 PSI. HELD FOR 15 MIN LOST 14 PSI. PSI TEST T/ 3500 PSI. HELD FOR 15 MIN LOST 29 PSI. PSI TEST T/ 7000 PSI. HELD FOR 30 MIN LOST 62 PSI. NO COMMUNICATION WITH SURFACE CSG, RDMO B & C QUICK TEST. PERF STG 1) PU 3 1/8 EXP GUN, 23 GRM, .36 HOLE SIZE, 120 DEG PHASING, RIH PERF AS PER DESIGN, POOH, DRAIN & WINTERIZE EQUIP, SWI.
4/4/2012	7:00 - 7:15	0.25	COMP	48		P		MIRU SUPERIOR, PREP TO FRAC IN AM, SDFN HSM, SLIPS, TRIPS & FALLS, FRAC & WIRELINE

US ROCKIES REGION
Operation Summary Report

Well: NBU 920-14N		Spud Conductor: 2/12/2008	Spud Date: 2/13/2008
Project: UTAH-UINTAH	Site: NBU 920-14N		Rig Name No: GWS 1/1
Event: RECOMPL/RESERVEADD	Start Date: 4/5/2012	End Date:	
Active Datum: RKB @4,852.00usft (above Mean Sea Level)		UWI: NBU 920-14N	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
	7:15 - 19:00	11.75	COMP	36	E	P		<p>PRIME UP PUMPS & PRESS TEST LINES TO 7,807 PSI, LOST 50 PSI, NO VISIBLE LEAKS, MANUAL POPOFF SET @ 6,800 PSI, SURFACE CSG VALVE OPEN & LOCKED.</p> <p>FRAC STG 1) WHP 558 PSI, BRK 6,036 PSI @ 4.6 BPM, ISIP 2,973 PSI, FG .80. CALC PERFS OPEN INJ RATE 46 BPM @ 5,284 PSI = 16/24 HOLES OPEN 67%. ISIP 2,922 PSI, FG .80, NPI -51 PSI. MP 6,465 PSI, MR 53.4 BPM, AP 5,784 PSI, AR 44.9 BPM, PUMPED 30/50 OTTAWA WHITE SAND. SWI, X-OVER FOR WL, USING CRANE TO REMOVE NIGHT CAP & INSTAL W/L BOP.</p> <p>PERF STG 2) PU 7" HAL 8K CBP & 3 1/8 EXP GUN, 23 GRM, .36 HOLE SIZE. 90 DEG PHASING, RIH SET 8K CBP @ 7,930' P/U PERF AS PER DESIGN, POOH, X-OVER FOR FRAC CREW, USING CRANE TO REMOVE W/L BOP & INSTAL NIGHT CAP.</p> <p>FRAC STG 2) WHP 2,491 PSI, BRK 4,600 PSI @ 4.5 BPM, ISIP 2,389 PSI, FG .74. CALC PERFS OPEN INJ RATE 42.1 BPM @ 5,522 PSI = 17/24 HOLES OPEN 71%. ISIP 2,768 PSI, FG .79, NPI 379 PSI. MP 6,806 PSI, MR 50.2 BPM, AP 6,192 PSI, AR 40 BPM, PUMPED 30/50 OTTAWA WHITE SAND. SWI, X-OVER FOR WL, USING CRANE TO REMOVE NIGHT CAP & INSTAL W/L BOP.</p> <p>PERF STG 3) PU 7" HAL 8K CBP & 3 1/8 EXP GUN, 23 GRM, .36 HOLE SIZE. 120 DEG PHASING, RIH SET 8K CBP @ 7,360' P/U PERF AS PER DESIGN, POOH, X-OVER FOR FRAC CREW, USING CRANE TO REMOVE W/L BOP & INSTAL NIGHT CAP.</p> <p>FRAC STG 3) WHP 2,173 PSI, BRK 5,403 PSI @ 4.8 BPM, ISIP 2,484 PSI, FG .78. CALC PERFS OPEN INJ RATE 40.3 BPM @ 6,503 PSI = 15/24 HOLES OPEN 64%. ISIP 2,377 PSI, FG .77, NPI -107 PSI. MP 6,844 PSI, MR 51.5 BPM, AP 5,893 PSI, AR 41.1 BPM, PUMPED 30/50 OTTAWA WHITE SAND. SWI, X-OVER FOR WL, USING CRANE TO REMOVE NIGHT CAP & INSTAL W/L BOP.</p> <p>PERF STG 4) PU 7" HAL 8K CBP & 3 1/8 EXP GUN, 23 GRM, .36 HOLE SIZE. 120 DEG PHASING, RIH SET 8K CBP @ 6,940' P/U PERF AS PER DESIGN, POOH, X-OVER FOR FRAC CREW, USING CRANE TO REMOVE W/L BOP & INSTAL NIGHT CAP.</p>

US ROCKIES REGION
Operation Summary Report

Well: NBU 920-14N		Spud Conductor: 2/12/2008	Spud Date: 2/13/2008
Project: UTAH-UINTAH		Site: NBU 920-14N	Rig Name No: GWS 1/1
Event: RECOMPL/RESEREVEADD		Start Date: 4/5/2012	End Date:
Active Datum: RKB @4,852.00usft (above Mean Sea Level)		UWI: NBU 920-14N	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
								<p>FRAC STG 4) WHP 1,641 PSI, BRK 5,174 PSI @ 4.4 BPM, ISIP 1,934 PSI, FG .72. CALC PERFS OPEN INJ RATE 33.8 BPM @ 5,279 PSI = 15/24 HOLES OPEN 62%. ISIP 1,967 PSI, FG .73, NPI 33 PSI. MP 7,222 PSI, MR 39.1 BPM, AP 5,723 PSI, AR 23 BPM, PUMPED 30/50 OTTAWA WHITE SAND. SWI, X-OVER FOR WL, USING CRANE TO REMOVE NIGHT CAP & INSTAL W/L BOP.</p> <p>PERF STG 5) PU 7" HAL 8K CBP & 3 1/8 EXP GUN, 23 GRM, .36 HOLE SIZE. 120 DEG PHASING, RIH SET 8K CBP @ 6,414' P/U PERF AS PER DESIGN, POOH, X-OVER FOR FRAC CREW, USING CRANE TO REMOVE W/L BOP & INSTAL NIGHT CAP.</p> <p>FRAC STG 5) WHP 537 PSI, BRK 5,769 PSI @ 4.8 BPM, ISIP 1,616 PSI, FG .70. CALC PERFS OPEN INJ RATE 51.7 BPM @ 3,993 PSI = 23/24 HOLES OPEN 97%. ISIP 1,979 PSI, FG .75, NPI 363 PSI. MP 7,286 PSI, MR 52.8 BPM, AP 3,347 PSI, AR 50 BPM, PUMPED 30/50 OTTAWA WHITE SAND. SWI, X-OVER FOR WL, USING CRANE TO REMOVE NIGHT CAP & INSTAL W/L BOP.</p> <p>PERF STG 6) PU 7" HAL 8K CBP & 3 1/8 EXP GUN, 23 GRM, .36 HOLE SIZE. 120 DEG PHASING, RIH SET 8K CBP @ 5,682' P/U PERF AS PER DESIGN, POOH, X-OVER FOR FRAC CREW, USING CRANE TO REMOVE W/L BOP & INSTAL NIGHT CAP.</p> <p>FRAC STG 6) WHP 708 PSI, BRK 2,809 PSI @ 4.5 BPM, ISIP 1,506 PSI, FG .71. CALC PERFS OPEN INJ RATE 52.2 BPM @ 4,076 PSI = 21/24 HOLES OPEN 88%. ISIP 2,005 PSI, FG .80, NIP 499 PSI. MP 4,334 PSI, MR 53.1 BPM, AP 3,568 PSI, AR 52.1 BPM, PUMPED 30/50 OTTAWA WHITE SAND. SWI, X-OVER FOR WL, USING CRANE TO REMOVE NIGHT CAP & INSTAL W/L BOP. X/O TIME ALOT SLOWER HAVING TO USE CRANE ON 7" 10K EQUIP.</p> <p>PU 7" HAL 8K CBP, RIH & SET TOP KILL @ 5,343', POOH, RD SUPERIOR & JW WIRELINE, SWI, DRAIN & WINTERIZE EQUIP, SDFN.</p> <p>TOTAL SAND = 122,145 LBS TOTAL CLFL = 5,038 BBLS BIOCIDE = 46 GALLONS SCALE = 240 GALLONS</p>

US ROCKIES REGION
Operation Summary Report

Well: NBU 920-14N			Spud Conductor: 2/12/2008			Spud Date: 2/13/2008		
Project: UTAH-UINTAH			Site: NBU 920-14N			Rig Name No: GWS 1/1		
Event: RECOMPL/RESEREVEADD			Start Date: 4/5/2012			End Date:		
Active Datum: RKB @4,852.00usft (above Mean Sea Level)			UWI: NBU 920-14N					
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
4/5/2012	7:00 - 7:15	0.25	COMP	48		P		HSM, SLIPS, TRIPS & FALLS, NIPPLING UP & DOWN 10K EQUIP, TRIPPING
	7:15 - 17:30	10.25	COMP	31	I	P		RD FLOOR, ND FV, NU BOP, RU FLOOR & TBG EQUIP, PU 6 1/8" BIT, PUMP OPEN B/S, XN S/N,RIH W/ TBG TO KILL PLUG, RU P/S, FILL TBG BREAK CIRC, P/T BOP TO 3,000 PSI, TEST GOOD, D/O PLUGS, SURFACE CSG VALVE OPEN & LOCKED. C/O 10' SAND, TAG 1ST PLUG @ 5,343' DRL PLUG IN 32 MIN. 100 PSI INCREASE RIH, CSG PRESS 0 PSI. C/O 25' SAND, TAG 2ND PLUG @ 5,682' DRL PLUG IN 32 MIN. 100 PSI INCREASE RIH, CSG PRESS 100 PSI. C/O 25' SAND, TAG 3RD PLUG @ 6,414' DRL PLUG IN 40 MIN. 100 PSI INCREASE RIH, CSG PRESS 50 PSI. C/O 25' SAND, TAG 4TH PLUG @ 6,940' DRL PLUG IN 32 MIN. 50 PSI INCREASE RIH, CSG PRESS 50 PSI. C/O 20' SAND, TAG 5TH PLUG @ 7,360' DRL PLUG IN 29 MIN. 250 PSI INCREASE RIH, CSG PRESS 150 PSI. C/O 25' SAND, TAG 6TH PLUG @ 7,930' DRL 1ST PART OF PLUG IN 15 MIN. 200 PSI INCREASE, CSG PRESS 100 PSI. CIRC & LET WELL CLEAN UP FOR 45 MIN, POOH 5STDS ABOVE LAST SET OF PERFS @ 7,692', EOT @ 7,637, SWI, DRAIN & WINTERIZE EQUIP, SDFWE. HSM, PWR SWWL CONNECTIONS 0 SITP, 900#SICP EOT @ 7637', RIH TAG @ 8238' D/O BTM OF CBP#6, C/O 12' SAND, D/O CBP @8250', 30 MIN, 100# KICK 300# FCP, RIH D/O BTM OF CBP ON LINER TOP @ 8505 'L/D 19 JTS, LAND WELL @ 7972.14", KB = 19' HANGER = 1.0' TBG=7947.66' (2 3/8" L-80, 254 JTS) XN NIPPLE = 1.33' POPBS = 2.25' X/O SUB .45' 6 1/8" BIT= .45' N/D BOPS, N/U WH, PUMP OPEN SUB @ 1500 PSI, TURN WELL OVER TO FB CREW & PROD,0 FTP, 700 SICP, RDMO MOVE RIG TO LOVE UNIT 1121-8J WELL TURNED TO SALES AT 0920 HRS ON 4/10/2012 - 1500 MCFD, 1584 BWPD, FCP 1700#, FTP 300#, CK 20/64"
4/9/2012	7:00 - 7:30	0.50	COMP	48		P		
	7:30 - 7:30	0.00	COMP	44	C			
4/10/2012	9:20 -		PROD	50				
5/15/2012	7:00 - 7:15	0.25		48		P		HSM, SLIPS, TRIPS & FALLS, RIGGING UP & DOWN

US ROCKIES REGION
Operation Summary Report

Well: NBU 920-14N		Spud Conductor: 2/12/2008		Spud Date: 2/13/2008	
Project: UTAH-UINTAH		Site: NBU 920-14N			Rig Name No: GWS 1/1
Event: RECOMPL/RESEREVEADD		Start Date: 4/5/2012		End Date:	
Active Datum: RKB @4,852.00usft (above Mean Sea Level)		UWI: NBU 920-14N			

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
	7:15 - 10:00	2.75		30	G	P		RD OFF NBU 309-20E, ROAD RIG
	10:00 - 13:30	3.50		30	A	P		MIRU, SPOT EQUIP, LAY HARD LINES, CONTROL WELL W/ 20 BBLS DOWN TBG, ND WH, NU X/O SPOOL & BOP, RU FLOOR & TBG EQUIP,
	13:30 - 18:00	4.50		31	I	P		PUMP 30 BBLS DOWN CSG, UNLAND TBG, CSG STARTED BLOWING, SHUT RAMS, REMOVE 7" HANGER, PUMPED 100 BBLS DOWN CSG, POOH @ 34 STDS OUT TBG STARTED BLOWING, PUMP 30 BBLS DOWN TBG, POOH @ 118 STDS OUT STARTED BLOWING OUT TBG & CSG PUMPED 30 BBLS DOWN TBG, POOH L/D PUMP OPEN SUB & 6 1/8" BIT, SHUT BLIND RAMS, OPEN WELL TO SELLS, SDFN.
5/16/2012	7:00 - 7:15	0.25		48		P		HSM, SLIPS, TRIPS & FALLS, LANDING TBG
	7:15 -			31	I			CSG PRESS 200 PSI, MADE 160 BBLS WATER IN PROD TANK OVERNIGHT, BLEED OFF & CONTROL WELL W/ 50 BBLS TMAC, PU N/C, 1.875" XN S/N & RIH,